

The
HIGH SCHOOLS
of
NEW YORK CITY



The High School Teachers'
Association of New York City
1921



Class LB 2802

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The High Schools of New York City

A Hand-book of Procedure
and Personnel

Published by the High School Teachers'
Association of New York City

CLYDE R. JEFFORDS
Newtown High School, Elmhurst, L. I.

CLAUDE F. WALKER
Boys High School, Brooklyn, N. Y.

EDITORS

New York
1921

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CONTENTS

	PAGE
Title Page	1
Contents	2
Preface	3
Introduction	5
University of the State of New York.....	6
Board of Education of New York City.....	7
Chronology	8
I. The Origin and Development of the High Schools.....	11
II. What the High Schools Teach.....	22
III. The Present Trend of High School Teaching.....	38
IV. Appointment and Promotion of High School Teachers.....	56
V. Salary Schedules and Conditions.....	65
VI. The Teachers' Retirement System of New York City.....	76
VII. The High School Teachers' Association of New York City; Other Teachers Organizations	85

Directory

VIII. School Officers	99
IX. Administrative and Departmental Organization of the High Schools	101
X. Alphabetical List of High School Teachers.....	171

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PREFACE

It has been the custom of the High School Teachers' Association of New York City since its organization in 1900 to publish occasional bulletins dealing with high school activities and problems, and in 1914 under the direction of President William T. Morrey, the Association issued a comprehensive "Directory of the High Schools of New York City." During the war, however, publication was discontinued except for a few circulars issued during the salary campaigns.

In the meantime many important developments affecting the High Schools took place. In 1917 the bankrupt pension system was replaced by a new plan based upon sound actuarial computations, the Education Law of the state was revised, and many changes were made in school organization. In 1918 the gradual reduction of salaries, which had been going on for nearly twenty years through depreciation in the purchasing power of the dollar, reached such a point that collapse of the whole system seemed imminent, compelling a readjustment of salary schedules in 1919 and again in 1920. Changes in economic conditions and in college entrance requirements brought about modifications of curricula. New high schools were organized and the teaching and supervising staff was enlarged and rearranged. The extent and complexity of all these changes necessitated the publication of a manual that should combine the features of a handbook of procedure, and a directory of personnel.

Consequently, as soon as war restrictions on printing were removed, President Clyde R. Jeffords, with the approval of the Board of Representatives and the Executive Committee, made preparations for publishing a new and comprehensive Hand-book of the High Schools, that should summarize in compact form the more important changes, and show the status of the high schools today. Dr. Claude F. Walker was appointed editor, and in consultation with President Jeffords prepared a revised Directory, of which a limited preliminary edition, corrected to September 1, 1920, was distributed among the schools on the first day of the term.

While the completed work is a joint product, each editor assumes entire responsibility for such special articles as appear over his signature. The undertaking from the start has been conducted in cordial co-operation with the Division of High Schools of the Board of Superintendents. Associate Superintendent Clarence E. Meleney has read the descriptive part of the book, and has written an introduction. District Superintendent John L. Tildsley gave valuable advice, and read much of the manuscript. The material in the Directory has been compiled in co-operation with the Principals and with Mr. Frederic L. Mills, in charge of the Bureau of Records.

Special acknowledgements are due to Superintendent of Schools William L. Ettinger; to Directors Herman H. Wright and Lawrence E. Wilkins; to Examiners George J. Smith, James C. Byrnes and Walter L. Hervey, and Secretary Frank V. Daly; to Auditor Henry R. M. Cook, Deputy Auditor Frederick D. Chambers, Director of Reference, Research and Statistics Eugene A. Nifenecker; to Associate Superintendent Edgar Dubs Shimer; to District Superintendent Edward

Mandel; to Dr. James D. Dillingham, Principal of the Newtown High School; to Actuary George B. Buck; and to many of our colleagues in the high schools.

For valuable information of an historical nature, the editors are indebted to Dr. Nicholas Murray Butler, Mr. Charles Bulkley Hubbell, Mr. Henry W. Taft, Dr. Henry W. Jameson, Secretary A. Emerson Palmer and others.

The High Schools of New York City is a testimonial to the hearty encouragement and practical assistance given by school officers and teachers, and by friends of the high schools outside the system. To all who have thus contributed, in whatever degree, the editors desire to extend the gratitude of the Association, and their personal thanks.

Memorial Day, 1921.

C. R. J.

C. F. W.

INTRODUCTION

CLARENCE E. MELENEY

Associate Superintendent in Charge of High Schools

The project of a manual of the high schools of New York City is the inspiration of the High School Teachers' Association. The work has been undertaken by a committee of the Association, and has awakened a lively interest on the part of progressive teachers who have responded to the request to contribute the articles that make up the volume. In every chapter the author has displayed his enthusiasm for the accomplishment of a great and valuable work which has required a vast amount of research and the organization of data much of which has been buried in records and reports stored away in the archives of the Department of Education, including some that could be found only in unpublished documents.

The members of the committee upon whom the labor and responsibility rested and who have diligently searched and collected the material, deserve the highest commendation for their energy and perseverance.

The High School Teachers' Association for many years has supported its officers and committees in the preparation and publication of investigations and reports of the most valuable and illuminating character. This has been an important contribution to educational literature of interest to secondary school teachers and administrators. It has served to encourage research and experimentation in a broad field and to keep progressive teachers in the advanced rank of the profession.

The work of the Association by its meetings for the discussion of educational problems especially concerned with high schools, and its publications, is greatly appreciated by the supervising and administrative officers. The development of courses of study and the preparation of syllabuses in all departments of study in the various high schools have been possible only with the aid of members of the Association. Committees have been at work constantly studying, experimenting, and formulating plans and outlines to enable the teachers to keep abreast of the most progressive workers in this field. The problems of administration have engaged also a vast amount of study and organization of material.

A progressive school system can be maintained only when the department as a unit including the boards of control, the officers, principals and teachers co-operates heartily and sympathetically for the benefit of the whole. Responsibilities are distributed all along the line; high ideals, new ideas, mutual confidence and appreciation must be realized.

This manual published by The High School Teachers' Association of New York City is a most valuable and useful document and will serve greatly to facilitate the proceedings of the department. The entire expense of the work has been sustained by the Association.

UNIVERSITY OF THE STATE OF NEW YORK

The State Education Department 1921

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*Acting President of the University and Commissioner of Education
Deputy Commissioner and Counsel*

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Assistant Commissioner and Director of Professional Education

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Assistant Commissioner for Secondary Education

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ALBERT G. BELDING, *Commercial Subjects*

CHRONOLOGY

The Origin and Progress of the Public School System in the City of New York; the Rise of the High Schools

- April 9, 1805—Incorporation of the Free School Society in New York City—Trustees. (In 1826, the Public School Society of New York) (L. 1805, Ch. 108).
- May 19, 1806—First Free School established in New York City.
- December 11, 1809—First school building erected by the Society placed in use in New York City.
- June 9, 1812—The Common School Law (L. 1812, Ch. 242). A system of common schools in New York State—State Superintendent of Common Schools.
- April 11, 1842—The Common School Law extended to the county and city of New York (L. 1842, Ch. 150). Board of Education in New York City—Commissioners, Inspectors, Trustees.
- March 23, 1842—Board of Education in Brooklyn.
- January 27, 1849—Free Academy opened in New York City (in 1866, the College of the City of New York).
- July 3, 1851—City Superintendent of Schools and Assistant Superintendents in New York City (L. 1851, Ch. 386).
- June 4, 1853—Board of Education in New York City required to take over schools and property of Public School Society (L. 1853, Ch. 301) (August 1, 1853).
- February 14, 1870—Daily Female Normal and High School opened in New York City (in 1871, the Normal College; April 4, 1914, Hunter College).
- May 11, 1874—Compulsory Education Law (L. 1874, Ch. 421) (January 1, 1875).
- September 16, 1878—Central Grammar School in Brooklyn opened (later, the Central School or High School).
- May 7, 1885—Brooklyn Training School opened (Maxwell Training School for Teachers).
- January 5, 1891—Boys' High School and Girls' High School established in Brooklyn.
- April 14, 1894—Public School teachers' retirement fund established (L. 1894, Ch. 296).
- April 27, 1896—"Pavey Law" (L. 1896, Ch. 387) Board of Superintendents in New York City; provision made for high schools. (Trustees abolished.)
- May 4, 1897—Charter of the City of New York (L. 1897, Ch. 387) Central Board of Education; City Superintendent and Examiners; Borough Boards; Borough Superintendents; Borough Assistant Superintendents; Inspectors; special and general school funds; salaries controlled by Borough Boards, audited by Central Board (February 1, 1898).
- September 13, 1897—Three day high schools opened in Manhattan and The Bronx—Boys', Girls' and Mixed (later, DeWitt Clinton, Wadleigh and Morris High Schools).
- September 12, 1898—New York Training School opened.
- April 23, 1899—"Ahearn Law" (L. 1899, Ch. 417). Minimum and maximum salaries and increments, conditioned on "fit and meritorious" service, determined by Borough boards.
- May 3, 1900—"Davis Law" (L. 1900, Ch. 751). Minimum and maximum salaries and increments, conditioned on "fit and meritorious" service determined by Central Board; salaries paid by Central Board through its Treasurer; four mills appropriation into the general fund mandatory.
- April 22, 1901—Revised Charter of the City of New York (L. 1901, Ch. 466). Board of Education (46 members), Local School Boards, Associate and District Superintendents, Examiners. (Inspectors abolished.) Davis law part of the charter—salaries determined and audited by the Board, paid through Department of Finance. (February 3, 1902.)
- February 3, 1902—First meeting of the Board of Education under the revised charter. (Last meeting December 26, 1917.)
- May 7, 1903—Amended Compulsory Education Law (L. 1903, Ch. 459). No child employed under 13 years; none employed between 14 and 16 who has not attended school 130 days after 13th birthday; employment certificates.

- October 6, 1903—Decision, Court of Appeals (*Gunnison vs Bd. of E.*, 176 N. Y. 12). The Board of Education, a separate and distinct corporation; while the city has custody of public money, the Board must administer and expend all school funds; the Board, not the city, the proper defendant in suits relating to school funds.
- March 8, 1904—"Unification Law." (L. 1904, Ch. 40). Regents of the University of the State of New York, New York State Education Department, Commissioner of Education. (State Superintendent of Public Instruction abolished.)
- February 23, 1904—Decision, Court of Appeals (*People ex rel Murphy vs. Maxwell*, 177 N. Y. 494). By-law of the Brooklyn Board of Education declaring vacant the place of a female teacher who marries declared void.
- February 17, 1909—Education Law (L. 1909, Ch. 21; Ch. XVI, Consolidated Laws of N. Y.). Amended (L. 1910, Ch. 140).
- June 1, 1911—Committee on School Inquiry of the Board of Estimate and Apportionment of the City of New York; Paul H. Hanus and associates commence work on educational aspects of the inquiry. (Completed July 1, 1912.)
- October 30, 1911—"Equal Pay Law" (L. 1911, Ch. 902). Discrimination in salaries based on sex removed; increased salary schedule and increments, conditioned on "superior merit" determined by a Board of Superior Merit. First attempt to equalize pay (January 1, 1912).
- April 18, 1912—"Anti-merging" Law (L. 1912, Ch. 455). "Eligible lists shall not be merged, and one eligible list shall be exhausted before nominations are made from an eligible list of subsequent date."
- July 9, 1913—Teachers' Council established.
- May 15, 1916—"Welsh Law" (L. 1916, Ch. 5667). State Military Training Commission—physical training increased, military training required of boys above 16 and not over 19, in elementary and secondary schools (September 1, 1916).
- May 1, 1917—Pension Law (L. 1917, Ch. 303). Retirement System in City of New York; Teachers' Retirement Association, Retirement Board (7 members).
- June 8, 1917—City School Law (L. 1917, Ch. 786. Article 33-A added to Ch. XVI, Consolid. Laws of N. Y.) Board of Education (7 members); Superintendent of Schools with enlarged powers. (New York City School District.)
- January 2, 1918—First meeting of Board of Education under amended Education Law.
- May 19, 1919—"Lockwood Committee Law." (L. 1919, Ch. 645, Article 33-B added to Ch. XVI, Consolid. Laws of N. Y.) Increased salary schedules and increments; increases spread over 3 years; "superior merit" abolished. Equalization of pay accomplished (January 1, 1920).
- March 23, 1920—"Lockwood-Simpson Law" (Anti-Spreading Law). (L. 1920, Ch. 83). Spreading clause removed from Lockwood Committee Law, rendering maximum salaries payable June 1, 1920, instead of in three years.
- May 10, 1920—"Lockwood-Donohue Law" (L. 1920, Ch. 680). Increased salary schedules and increments for teachers and civil service employes of the Board of Education; an appropriation made for state aid, direct tax of $1\frac{1}{2}$ mills imposed for support of the common schools. (August 1, 1920.)

THE HIGH SCHOOLS OF NEW YORK CITY

<i>School</i>	<i>Date of First Session</i>	<i>Principals</i>
Manhattan		
DeWitt Clinton	Sept. 13, 1897	John T. Buchanan* (1897-1908); John L. Tildsley (1908-1914); Francis H. J. Paul (1914-).
Wadleigh	Sept. 13, 1897	John G. Wight* (1897-1910); Stuart H. Rowe (1910-).
High School of Commerce	Sept. 8, 1902	James J. Sheppard* (1902-1914); John L. Tildsley (1914-1916); Arthur M. Wolfson (1917-1920); Harold E. Buttrick (1920-).
Washington Irving	Sept. 8, 1902	William McAndrew (1902-1915); Edward C. Zabriskie (1915-).
Stuyvesant	Sept. 12, 1904	Frank Rollins* (1904-8); Ernest R. Von Nardroff (1908-).
Julia Richman	Sept. 8, 1913	Arthur M. Wolfson (1913-1916); Michael H. Lucey (1917-).
George Washington	Feb. 2, 1920	Arthur A. Boylan (1920-)
Haaren	Sept. 13, 1920	R. Wesley Burnham (1920-).

The Bronx		
Morris	Sept. 13, 1897	Edward J. Goodwin (1897-1904); John B. Denbigh (1904-1918); Elmer E. Bogart (1919-).
Evander Childs	Sept. 8, 1913	Gilbert S. Blakely (1913-).
Theodore Roosevelt	Feb. 4, 1918	William R. Hayward (1918-1920).

Brooklyn		
Boys High School	Jan. 5, 1891	Alec G. McAllister* (1891-1895); John Mickleborough (1895-1907); James Sullivan (1907-1916); Arthur L. Janes (1916-).
Girls High School	Jan. 5, 1891	Calvin Patterson* (1891-1902); William L. Felter (1902-).
Manual Training	Nov. 14, 1893	Charles D. Larkins* (1894-1917); Horace M. Snyder (1917-).
Erasmus Hall	Sept. 14, 1896	Walter B. Gunnison* (1896-1917); J. Herbert Low (1917-).
Commercial	Oct. 9, 1899	William L. Felter (1900-1902); Frank R. Moore* (1902-1909); William Fairley* (1910-1918); Gilbert J. Raynor (1918-).
Eastern District	Feb. 1, 1900	William T. Vlymen (1900-).
Bushwick	Sept. 12, 1910	Frank Rollins* (1910-1920); Milo F. McDonald (1920-).
Bay Ridge	Feb. 1, 1912	Harry A. Potter (1912-1917); Kate E. Turner (1917-).
New Utrecht	Sept. 13, 1915	Irving A. Hazen (1915-1917); Harry A. Potter (1917-).
Girls Commercial	Feb. 2, 1920	Evelyn W. Allan (1920-).

Queens		
Bryant	Feb. 1, 1905	Peter E. Demarest (1905-).
Jamaica	Nov. 27, 1907	Charles J. Jennings* (1907-1910); Theodore C. Mitchell* (1910-1918); Charles H. Vosburgh (1919-).
Flushing	Dec. 1, 1907	John Holley Clark (1907-1920); Harold G. Campbell (1920-).
Richmond Hill	Feb. 23, 1909	Isaac N. Failor (1909-1917); Irving A. Hazen (1917-).
Newtown	Feb. 1, 1910	James D. Dillingham (1910-).
Far Rockaway	Sept. 17, 1920	Sanford J. Ellsworth (1920-).

Richmond		
Curtis	Feb. 1, 1904	Oliver D. Clark* (1904-1906); Harry F. Towle* (1906-1912); Daniel D. Feldman (1913-).

All high schools in Queens and Richmond were high school departments of elementary schools previous to the dates given.

*Deceased

I

THE ORIGIN AND DEVELOPMENT OF THE HIGH SCHOOLS OF NEW YORK CITY

The High Schools of New York City constitute a body of more than seventy-nine thousand persons. In twenty-eight administrative units distributed geographically in the more densely populated zones of five boroughs, these schools have grown with the metropolis, and become an inseparable part of its cosmopolitan life. In these schools are approximately three thousand teachers and seventy-six thousand pupils, from nearly six hundred lower schools.

EDUCATIONAL AWAKENING IN NEW YORK CITY

The old City of New York, comprising the present Boroughs of Manhattan and The Bronx, until 1897 had no public high schools in its rapidly growing educational system. The *College of the City of New York*, for boys, and the *Normal College*, for girls, offered to a limited number of grammar school graduates academic instruction of both secondary and more advanced grade, and in many of the grammar schools advanced instruction was given in the last term.

On December 3, 1890, the Board of Education adopted a resolution offered by Commissioner Charles B. Hubbell, providing for a committee to visit school systems in other cities, and to make recommendations for the improvement of the schools of New York City. President John L. N. Hunt appointed Commissioner Hubbell as chairman of the committee. This body, known thereafter as the "Committee of Seven," visited a number of cities, inspecting carefully among other features the kindergartens and high schools, particularly in Boston, where it observed eight high schools in operation. On November 18, 1891, the committee made a detailed report, which had an important influence in stimulating public interest in the schools and shaping legislation which five years later was to reorganize the entire school system, and turn public attention to the necessity for establishing high schools.

"In our opinion our school system could be made more symmetrical and might be greatly improved by the addition of the kindergarten at the bottom, and the high school at the top," wrote Commissioner Hubbell. After making definite suggestions for kindergartens, the report continues: "At the other end of the system we recommend the establishing of two or more high schools to be conveniently located with reference to centers of school population, in which there shall be taught complete courses of three years duration, beginning with the two highest grades now taught in our Grammar Schools. Ours is almost the only city in the country where this grade of instruction is not provided, and the need of it is patent to those most familiar with our system."

The demand for secondary education thus created grew slowly, encouraged by a progressive administration and many interested citizens. On April 27, 1896, after an inquiry into school conditions by a State Commission, a bill, introduced by Frank D. Pavey, was passed, becoming effective July 1, 1896, establishing the Board of Superintendents in New York City, and giving the Board power to establish high schools. On June 17, 1896, the Board of Education elected

the members of the new Board of Superintendents. Among those elected were George S. Davis, Henry W. Jameson, Gustave Straubmuller and all who had served as Assistant Superintendents previous to the enactment of the law; Albert P. Marble and Clarence E. Meleney, who had been Superintendents in Massachusetts, and two Brooklyn men, Seth T. Stewart, and Walter B. Gunnison who in September resigned to become Principal of Erasmus Hall High School. Pursuant to the law City Superintendent John Jasper, Chairman of the Board, appointed a Committee on High and Training Schools, with Albert P. Marble, chairman, and George S. Davis, secretary.

FIRST HIGH SCHOOLS IN MANHATTAN AND THE BRONX

On October 7, 1896, the Board of Education referred to a committee a resolution offered by Commissioner Charles B. Hubbell, declaring the Board to be in favor of the establishment of two high schools—one for girls and another for boys—as soon as sites could be obtained and buildings erected. The resolution recited the fact that the establishment of the high schools had been made possible by the prevailing law, that both colleges were overcrowded, and that high schools were desirable to render the school system more useful and symmetrical. On October 27, 1896, President Robert McClay appointed Commissioners Charles B. Hubbell, Henry W. Taft and Auguste P. Montant, a special Committee on High Schools. The two high school committees held several joint sessions, at one of which representatives of the two colleges were present.

On November 18, 1896, the Board of Education adopted resolutions authorizing the organization of three high schools, one for boys, one for girls, and a third undetermined. The resolution further provided for inserting in the budget the sum of \$75,000 to initiate the new schools, declared that the City of New York required eight high schools of from 1000 to 1500 pupils each, and requested the Board of Superintendents to submit an appropriate course of study.

On December 9, 1896, the Board of Education established a permanent Committee on High and Training Schools, and President Charles B. Hubbell appointed Commissioner Henry W. Taft chairman of the committee. The committee resolved that a successful experience in high school organization and management in large cities should be considered an essential qualification in candidates for appointment to principalships of the high schools. John T. Buchanan, from Kansas City, was elected Principal of the Boys' High School; John G. Wight, from Philadelphia, and formerly from Worcester, Mass., of the Girls' High School; and Edward J. Goodwin, from Newton, Mass., of the Mixed High School. These schools later were named respectively, the *DeWitt Clinton High School*, the *Wadleigh High School*, and the *Morris High School*.

The initiation of these three high schools in the old City of New York, on September 13, 1897, caused a stir of interest. The boys' school was opened in Grammar School 35, in West Thirteenth Street; the girls' school in Grammar School 47, in East Twelfth Street; and the mixed school at One Hundred and Thirty-seventh Street and Third Avenue, in The Bronx. On the teaching staff of the new schools were five First Assistants, eight Second Assistants, and fifty-one Third Assistants. Among those appointed were: Frank Rollins, James J. Sheppard, George J. Smith, Gilbert S. Blakely, and John H. Denbigh.

City Superintendent John Jasper comprehended the educational trend of his time. In 1896 he wrote: "The provision of the new school law contemplates the organization of high schools. * * * In my judgment the initial steps should be taken with a full understanding of the utmost needs of the city. From the rapid growth of the school system, I am convinced that arrangements should be made for the distribution of these schools throughout the city in such a manner that by the beginning of the twentieth century not less than ten of them shall be in operation, or at least well on the way to completion. It would be well that two of these schools should be set apart for manual training and other special purposes."

EARLY HIGH SCHOOLS IN BROOKLYN

In Brooklyn high schools projects were further advanced. While in New York City public secondary education came slowly, on the other side of the East River there had been an even more gradual transition. In a rented building at Court and Livingston Streets, September 16, 1878, was born the *Central Grammar School*, known later as the *Central School*, and occasionally as the *Central High School*. At this time in Brooklyn Ephraim J. Whitlock was President of the Board of Education, and Thomas W. Field was Superintendent of Public Instruction. The school, according to a peculiar system of administration that obtained, was placed under the dual control of a committee of the Board of Education, and a "local committee" of citizens. The purpose of the institution was to teach subjects of academic grade to boys and girls more thoroughly and through a more extended time than had been possible in the regular grammar schools. The first steps leading to its establishment had been taken as far back as 1849, the year of the establishment of the Free Academy in New York City. Dr. Robert F. Leighton was the first Principal of the Central School, and there were fifteen teachers on his staff. In 1886, under the principalship of Calvin Patterson, the school was divided into a girls' section, which was moved to the new building on Nostrand Avenue, and a boys' section, which remained in the old building under the sub-principalship of Alec G. McAllister. On January 5, 1891, the boys' section under Principal McAllister became *Boys' High School*, and the girls' section under Principal Patterson became *Girls' High School*. Among the teachers employed in Boys' High School in 1891 were: Charles D. Larkins, Charles W. Lyon, Jr., Oliver D. Clark, and Harry F. Towle. In 1892 the Boys' High School moved into the new building on Marcy Avenue.

On November 14, 1893, in the building vacated by the Central School, a manual training school was established, under the principalship of Charles D. Larkins, and on May 7, 1895, this became the *Manual Training High School*. One of the first teachers was James J. McCabe. In this undertaking Brooklyn had the benefit of the example of New York City, where manual training already existed, and where interest in the subject had been intensified by the report of the Committee of Seven.

On September 14, 1896, *Erasmus Hall Academy*, founded in 1786, in Flatbush, became *Erasmus Hall High School*, under the principalship of Walter B. Gunnison, with a staff of ten teachers. The academy buildings and grounds were made over to the city, and a new temporary building which has not yet been removed was erected.

On October 3, 1882, William H. Maxwell became Associate Superintendent in Brooklyn, and September 6, 1887, was elected Superintendent of Public Instruction. He observed with gratification

the increasing demands for public high schools, he deplored the slowness with which the demand was met. He persistently and successfully fought to overcome the prejudice against manual training. He believed that the safety of the state as well as the development of the individual depends quite as much on secondary school training as on teaching in the elementary schools. "High School education pays for itself a thousand times over," wrote Dr. Maxwell, "not merely in the enhanced wage-earning powers of its graduates, but in the good influence they exert on the social and political life of the community."

FIRST COURSES OF STUDY

These early high schools of pre-charter days were frankly intended for preparation for classical and scientific colleges and professional schools. They labored under courses of study that reflected the most advanced academic ideas as to what pupils should undergo.

Two external influences worked to shape these early high school programs. The first was the report of the Committee of Ten, designed to improve the efficiency of secondary school teaching. The committee prepared four typical four-year courses—Classical, Latin-Scientific, Modern Language, and English, based upon a foreign language requirement. The second influence was a course of study for high schools, approved by State Superintendent of Public Instruction Charles R. Skinner, based upon a minimum requirement for entrance to training schools for teachers, in accordance with "an act to encourage and promote the professional training of teachers," passed in 1895. One purpose of this law was to provide for the thorough training of prospective teachers in the high schools before professional training should begin. Dr. Maxwell was himself chairman of the Committee of Superintendents that recommended the course of study.

In New York and Brooklyn high schools, therefore, we find that English was stressed, Latin loomed large, with a modern language alternative—then came algebra, geometry, ancient and modern history, music and drawing. Consideration was shown, however, to the many pupils whose interests lay more in the direction of business pursuits. In New York City supplementing the four-year Modern, Classical and Classical-Science courses, there was planned a four-year "business course." This was about one-fifth Latin and modern languages; one-fifth English; two-fifth, algebra, history, science, drawing, music; one-fifth bookkeeping, commercial arithmetic, stenography, with a modicum of typewriting. In Brooklyn a four-year language course was offered, while three years of work were prescribed, in English for girls, and in science for boys. In addition for both boys and girls, a two-year commercial course was laid down.

DEVELOPMENT UNDER THE REVISED CHARTER

On February 1, 1898, the educational chapter of the first charter gathered into the public school system of Greater New York seven large city high schools in New York and Brooklyn, besides high school departments in elementary schools in Long Island City, Newtown, Jamaica, Richmond Hill, Flushing and Far Rockaway. Dr. William H. Maxwell had been called from Brooklyn to become City Superintendent of the Greater City.

In 1898-1899 in a day school enrollment of 493,849 pupils, 13,731 or 2.8 per cent were in the high schools. These pupils were taught by 393 high school teachers, 4.3 per cent of the entire teaching force.

Even under the difficult conditions of the original charter, during 1898-1901, high school registration increased enormously, and demands for literary and college preparatory courses were fully equalled by calls for commercial and technical training. During this period two high schools were opened in Brooklyn—*Commercial High School*, October 9, 1899, under the principalship of William L. Felter, absorbed the commercial department of Boys' High School; and *Eastern District High School*, February 1, 1900, under the principalship of William T. Vlymen, relieved the pressure in both Boys' and Girls' High Schools.

Meanwhile the Charter Revision Commission had completed its work. The educational chapter was drafted by former School Commissioner Henry W. Taft, who was chairman of the educational committee of the Revision Commission. On February 3, 1902, the revised educational chapter of the charter went into effect. The City Superintendent found himself at the head of a strongly centralized administrative system, with responsibility direct and fixed, personnel controlled by a Board of Examiners, and policies formulated by a Board of Superintendents, the City Superintendent being chairman of both boards.

The demands of the high schools immediately became insistent. Dr. Maxwell discerned four major problems:

- (1) Extension of high school facilities—organization and plant;
- (2) Uniformity of high school teaching;
- (3) Definition of requirements for graduation;
- (4) Articulation of elementary schools with high schools.

There followed a program of extraordinary expansion and educational adjustment. Associate Superintendent Albert P. Marble was assigned to take charge of the high schools, assisted by District Superintendent Henry W. Jameson. Dr. Marble had been chairman of the first high school committee of the former Board of Superintendents in 1896 and Dr. Jameson, who had served as secretary of the committee, had succeeded Dr. Marble as chairman in 1900. Each had borne in succession the burden of leadership during the difficult and trying period of the establishment of the high schools. In 1904 Associate Superintendent Edward L. Stevens was assigned to the division, and was assisted by Dr. Jameson until 1909, when Dr. Jameson was succeeded by District Superintendent Darwin L. Bardwell.

GREAT SPECIALIZED CITY HIGH SCHOOLS

City Superintendent Maxwell believed that a great specialized high school offered the most effective and economical means for absorbing the vast human tide that flowed in increasing volumes from the elementary schools in the congested zones. For the establishment of such schools he found the way had been adequately prepared by the Board of Education of the old City of New York, which had encouraged the policy of building new high schools as rapidly as possible, and setting apart certain high schools for manual training and for commercial instruction.

In 1897 the High School Committee of the Board of Superintendents in New York City had committed itself to the establishment of a Manual Training High School, to be located on the east side near Fourteenth Street, and to be called the *Stuyvesant High School*. The school was designed not to teach trades, but to teach along with science and mathematics and literature the mechanical principles that

underlie all trades and the application of art to industry, a school that should develop inventors, engineers, electricians. Under the principalship of Frank Rollins, Stuyvesant High School was organized September 12, 1904.

In 1897 also the High School Committee of the Board of Superintendents had looked forward to establishing "a definite nucleus of a commercial high school on broad lines." In 1901 a sub-committee of superintendents, with former Commissioner John L. N. Hunt as chairman, was appointed to prepare plans for a *High School of Commerce* in Manhattan. The report of the sub-committee, drafted by Assistant Superintendent Clarence E. Meleney, was adopted on January 10, 1902. Immediately after the reorganization, February 3, 1902, Dr. Maxwell proceeded to carry the project into effect, the undertaking receiving the active encouragement of President Miles O'Brien, of the Board of Education. The High School of Commerce was organized September 8, 1902, under the principalship of James J. Sheppard, absorbing the commercial classes of DeWitt Clinton High School.

Concurrently with the development of the idea of a boys' commercial high school, plans were made for a technical high school for girls that should give instruction in general academic subjects and in certain specified vocational lines, the initial purpose being to prepare girls for those occupations in which women readily find employment. The first definite suggestion that such a school be formed came when the Wadleigh High School was transferred from an old structure in lower Manhattan into the first new building erected in that borough for high school purposes. The new institution, as the Girls' Technical High School, today the *Washington Irving High School*, was organized September 8, 1902, under the principalship of William McAndrew, receiving its initial membership from Wadleigh High School.

In outlying less densely populated boroughs, in which specialized high schools would not be practicable, it was planned to develop community high schools of a composite type, in which general academic instruction should be supplemented by commercial courses and manual training. The chief function of all specialized courses was to diversify aim and method of teaching, to suit the needs of a cosmopolitan community. "Our specialized high schools," wrote Dr. Maxwell in 1902, "make no pretense of turning out finished men of business, or thoroughly equipped artisans. They endeavor to give, along with a good deal of liberal education—language, literature, science—considerable instruction in the application of art to industry. * * * The pupils leave school, not specialists in a narrow sense, but with minds humanized by liberal studies, and hands trained to bring intelligence to bear."

TEN YEARS OF EXPANSION AND ADJUSTMENT 1902-1911

In 1902 Superintendents Marble and Jameson found themselves confronted with problems of educational adjustments unprecedented and highly complex.

In 1903-1904, in a day school average register of 544,293 pupils, 19,330 or 3.6 per cent were in the high schools. These pupils were taught by 742 high school teachers, 5.9 per cent of the entire teaching force.

In the three larger boroughs were eleven high schools, of which the seven oldest averaged more than 1600 pupils each. Eight of

the schools were split up into annexes housed in antiquated grammar school structures, widely scattered and unsuited to high school requirements. All the schools were growing with extraordinary rapidity.

Fortunately, for most of the new high schools sites had already been acquired, an initial appropriation of \$2,500,000 having been made for high school purposes. Through the energy of Superintendent of Buildings C. B. J. Snyder an effective housing program was speedily undertaken. Mr. Snyder had traveled about to get ideas, and from his plans were produced school buildings unsurpassed for size, beauty and adaptability to school and community needs. In 1902 five new high school buildings, one in each borough, were under way, and by the close of 1906 eight high schools were permanently housed.

The difficult task of assembling in each high school a permanent and adequate teaching personnel, that should attack vigorously the complex human problem that each school presented, was favored by two circumstances. First, the Davis law had guaranteed to every successful teacher tenure of office, and a fair salary with increments based upon length of service. Second, the Board of Examiners was now functioning smoothly, and nominations were made from eligible lists and were seldom reversed. High school teachers could feel that their positions were securely founded upon a merit system, that professional ethics would be respected, that for the eligible there existed a fair chance for promotion.

Associate Superintendent Marble fitted new schools into old buildings; he supervised the distribution of text-books and supplies; he selected and assigned teachers, and heads of departments. He made an initial attack on two problems—the unification of aim and method of teaching, and the definition of requirements for graduation. A uniform course of study for the general high schools was adopted, and specialized courses followed. That results might be appraised and standards maintained, examinations for graduation from high schools and entrance to training schools were initiated. Beginning in 1903 and extending until 1907 these examinations were given in January and June of each year, under the supervision of District Superintendent Jameson, the answer papers being marked by committees of teachers from the several high schools.

Associate Superintendent Stevens assumed charge of the Division of High Schools in the fall of 1904. On February 1, 1904, *Curtis High School* had been organized with Oliver D. Clark as Principal, and February 1, 1905, the *Long Island City High School*, that had been independently established since 1898, became *Bryant High School*, Peter E. Demarest continuing as Principal. On September 12, 1910, *Bushwick High School* was organized with Frank Rollins as Principal. Meanwhile, the high school departments in elementary schools in Jamaica, Flushing, Richmond Hill and Newtown became independently organized, the total number of high schools being thereby increased to nineteen.

With the problems of initial organization out of the way, Dr. Stevens and Dr. Jameson turned their attention to the internal administration and development of the high schools. The several programs of study were watched with care, and courses were revised whenever they became unworkable or insufficient. Committees were appointed to prepare and revise syllabi in the several fields of instruction, and conferences were arranged with representatives of the colleges. Principals and teachers entered heartily into this work, and there was initiated a co-operative effort that has continued to the present day.

In 1907 for the first time candidates for graduation from the high schools and entrance to the training schools took the examinations conducted by the State Examination Board, under the authority of the State Regents, the local academic examinations that had been previously held being discontinued.

During the year ending June 30, 1908, of the nineteen high schools six had a total enrollment of more than 3000 pupils, and five had enrolled between 2000 and 3000. Dr. Stevens repeatedly urged that no high school organization be maintained with a register of more than 2000. A committee of high school teachers in 1908 in a report on the need of high school accommodations in Brooklyn, called attention to the inefficiency of the over-large high school. The schools continued to grow, however, and grave congestion developed. Overcrowded main buildings and annexes in unsuitable structures became permanent factors in the high school problem. The teacher supply failed at times, a large proportion of substitutes was employed; there developed in the larger schools a need for additional supervisory and administrative officers. An excessive proportion of failures, and of discharges from school, particularly in the lower terms, suggested impaired efficiency in the high schools, and a lack of articulation with the elementary schools.

The annual reports of Dr. Stevens and Dr. Jameson to the City Superintendent reveal the energy with which these growing problems were attacked during this first decade of the high schools. The status of the First Assistant Teachers was a subject of frequent inquiry, and efforts were made to bring about a more regular promotion of assistant teachers to that grade. Excessive pupil failure and "mortality" were under constant investigation, and remedies were tried. Elementary principals were asked to advise prospective high school entrants; student aid committees and vocational bureaus were encouraged; promotion by subject was made mandatory.

In September, 1909, District Superintendent Darwin L. Bardwell was assigned to the Division to assist Superintendent Stevens, succeeding Dr. Jameson.

In 1911, Paul H. Hanus, and associates, commenced for the City of New York an extended inquiry into the public school system, including the organization, administration and courses of study of the high schools. The investigation continued for one year, and the results fill three large volumes. The report on the high school courses of study was reviewed at length by a committee of high school principals and teachers, of which John H. Denbigh was chairman. The report on high school organization and administration was reviewed by a committee of which John L. Tildsley was chairman. Principal James J. Sheppard wrote a review of the special report on commercial courses.

TEN YEARS OF INTENSIVE DEVELOPMENT 1912-1921

The second decade under the revised charter has been marked by far-reaching influences and changes both within and without the educational system that have influenced the high schools profoundly.

In 1911 the "Equal Pay" law was enacted, providing for salary increments conditioned upon "superior merit" and this remained in force until the passage of the "Lockwood Committee Law," in 1919. In 1916 the "Welsh law" was enacted, making military training or its equivalent obligatory in the high schools. In 1917 the Teachers' Retirement Association was established. In 1917 the "City School

Law" was enacted, which provided for a small Board of Education of seven members, and for a Superintendent of Schools with enlarged powers. William H. Maxwell was made Superintendent Emeritus, and William L. Ettinger was elected Superintendent of Schools. The "Lockwood-Donohue Law," creating the present salary schedules and conditions, was enacted in 1920.

Associate Superintendent Edward L. Stevens died April 3, 1914, and District Superintendent Darwin L. Bardwell died September 6, 1915. Associate Superintendent Clarence E. Meleney was assigned to the Division of High Schools in 1914, and continued until the close of 1916, when Associate Superintendent John L. Tildsley was assigned. District Superintendents Charles W. Lyon, John S. Roberts and William A. Boylan were successively assigned to assist the Associate Superintendent. In 1920 Herman H. Wright was elected Director of High School Administration, and Lawrence A. Wilkins was elected Director of Modern Languages in High Schools. *The Bulletin of High Points*, under the editorship of Director Wilkins, has been published monthly since January, 1919.

During this decade eight new high schools were established: *Julia Richman*, *George Washington* and *Haaren* in Manhattan; *Evander Childs* and *Theodore Roosevelt* in The Bronx; and *Bay Ridge*, *New Utrecht* and *Girls' Commercial* in Brooklyn. The high school department in *Far Rockaway* became independently organized, increasing the total number of high schools to twenty-eight.

In 1912-1913 in a day school average register of 709,371 pupils, 45,059, or 6.4 per cent, were in the high schools. These pupils were taught by 1822 high school teachers, 9.9 per cent of the entire teaching force.

Although in 1912 the high schools were no longer in a formative state, their way was still beset with difficulties. Nearly all of the high schools continued to be over-crowded; the number of annexes constantly increased; the double session plan was being rapidly extended; the organization of new schools was becoming less frequent.

In spite of all this, the reports of Dr. Meleney for 1914 and 1915 reveal a growing spirit of democracy and are replete with human interest. The important steps by which the program of studies was made more effective will be outlined in another article. Principals and teachers were coming to realize that a high school should be made as home-like as possible. The pupils' *General Organization*, which had been highly developed in *Erasmus Hall High School* and elsewhere became a feature of all the schools, and the *Arista League* increased its influence for character and scholarship. Organizations of high school teachers also were encouraged and commended, and excerpts from their proceedings were published. Much progress was made in establishing closer relations between the high schools and the business community. On February 1, 1915, the first co-operative high school class was organized in *Washington Irving High School*, under the supervision of Associate Superintendent John H. Haaren.

In spite of greatly increased duties imposed by the "superior merit" provision of the new salary law, District Superintendent Bardwell found time to draw a statistical picture of high school development during a period of seven years. His published graphs show that between 1906 and 1913 the high school register increased 118 per cent., while the register of all the day schools increased only 25 per cent.; that the high schools in Manhattan grew more rapidly than those of any other borough; and that the increase in the number of graduates was more rapid than the increase in register.

In many schools the need of additional supervisors had become acute. Dr. Stevens in 1912 had requested that special supervisors be appointed in modern languages, commercial subjects, and manual arts for girls. Dr. Bardwell urged that more First Assistants be appointed, and that in certain of the larger schools one or more additional First Assistants be designated to serve as Deputy Principals to be intrusted with certain features of the executive management of their schools, and to receive additional compensation. This plan, held long in abeyance for lack of funds, led ultimately to the establishment of the position of Administrative Assistant.

Dr. Bardwell insisted upon good scholarship as the test of efficient teaching. He valued the State Regents examinations, over which he had supervision, and his analysis of the examination results was most searching. He believed the high school library to be a most powerful educational agency, and at his request a survey of the duties of a high school librarian was made by a committee of librarians. He encouraged the spirit of experimentation and research, and published extended excerpts from the reports of the principals dealing with a variety of experiments undertaken in the several schools.

In 1915 there was adopted a standardized plan of appointing Assistant Teachers, based upon a requirement of an average "pupil period load" of 720 per teacher (exclusive of music and physical training) in each school of over 2000, and an average of 660 in schools of less than 2000.

The reorganized Board of Education, in 1917, as a policy making body, initiated a program designed so far as possible to do away with the hiatus between the elementary and the high schools by organizing certain elementary schools on the "6-3-3" plan. On Nov. 18, 1918, the Division of Training Schools for Teachers and Intermediate Schools was established, under the supervision of Associate Superintendent Gustave Straubemuller, and District Superintendent John S. Roberts. In 1920 thirty-three public schools were either operating as intermediate schools, or contained intermediate departments. The intermediate schools have since been officially designated as Junior High Schools.

In accordance with the desire of the Board of Education to secure greater efficiency, Superintendent of Schools William L. Ettinger assigned the duties of the Associate Superintendents, and other school officers, so as to centralize control on a functional basis and stimulate local initiative and invention.

Associate Superintendent Tildsley found the high schools laboring under the increasing strain of war time conditions. The register of pupils, which for nine years had shown an average annual increase of 4500, had become stationary. Nevertheless, there were in the high schools 66,000 pupils housed in buildings provided with approximately 39,000 seats. Experienced teachers were entering war service in large numbers, new appointees were declining to serve, the usually orderly school routine was becoming seriously interrupted by war activities and war relief drives of many kinds.

The activities of the high schools during and subsequent to the war are too near to be viewed in perspective. Under the policy, instituted by Dr. Ettinger, of pyramiding responsibility and delegating authority, it was possible for each high school problem to be dealt with expeditiously and effectively. Dr. Ettinger encouraged the development in all the high schools of a comprehensive plan for teaching the duties of citizenship. We may mention, in outline, a few of the educational events and tendencies of this important period.

Among the high points were:

New plan for appointing high school Principals.

A standardized method for appointing First Assistants.

Appointment of Administrative Assistants.

Increased emphasis upon departmental organization, and supervision by First Assistants.

Extension of the school day to 9 periods of 45 minutes each.

Intelligence tests of first year pupils; prognosis tests in modern languages; pre-graduation tests in practical efficiency.

Increased realization by the teachers of their responsibility for the detection and remedy of physical defects.

Experiments in supervised study and rapid advancement.

Development of pupil self-activity by the organization of "service squads."

Encouragement of a spirit of patriotism and loyalty throughout the high schools.

The war activities of the high schools are described, in connection with those of all the schools, in a report of Associate Superintendent William J. O'Shea, presented in January, 1920.

On March 31, 1921, in a day school register of 885,514 pupils, 76,400 or 8.6 per cent were in the high schools. These pupils were taught by 2,987 high school teachers, 12.5 per cent of the entire teaching force.

MOBILIZATION FOR DEMOCRACY

The High Schools of New York City are rapidly becoming mobilized in the service of democracy. Among the teachers there has developed not only a stronger group interest and co-operative spirit, but also a growing realization of responsibility for pupil welfare. The mere formal working out of pedagogical aims and values is giving way to the concrete and practical human task of safeguarding the physical health, mental development, and moral stalwartness of the great mass of adolescent population in the city. In adjusting curricula to meet the emotional and vocational requirements of individuals there is a growing desire to appraise native ability and aptitude against home and community backgrounds.

In the great variety of pupil activity—athletic, literary, scholastic, and civic—that makes up the inner life of each high school, independent initiative and responsibility on the part of teachers and pupils are encouraged. The wealth and variety of this organized service is revealed in the crowded pages of the *Hand-books* and school journals that are published frequently in nearly all the high schools, and in the annual reports submitted by the Principals. Each high school with its daily routine of duties and opportunities has become a microcosm, with an organic life of its own.

The system of public secondary schools in the City of New York was founded upon the charter, and grew with the Greater City. It stands today as a living memorial to all who gave to it the effort of hand or brain, including that considerable number who laid down their lives in devoted service. Nearly twenty-five years have passed since the foundations were laid: years of extraordinary physical expansion and adjustments; of hurried attempts to provide buildings, equipment, teachers and programs abreast of the demand; of depressed morale caused by vexatious delays in adjusting salaries to meet the cost of existence; of splendid mobilization of resources to supply America's need and to defend her honor; of new spiritual awakening to the teacher's duty to ascertain and supply the social needs of every individual as a basic element in the broad task of national reconstruction. These have been years of real achievement, justifying the expenditure in human effort and in treasure that the high schools have cost, and commending them to all who know that maturing boys and girls are a democracy's first defence.

C. F. W.

II

WHAT THE HIGH SCHOOLS TEACH

Introduction

The world war emphasized to supervisors, principals and teachers the wisdom of adapting the high schools of New York City to vocational needs, and to the demands of enlightened citizenship. Far reaching changes in the program of studies, already notably modernized within recent years, have carried this conviction into effect. American history and civics, modern history and economics, in the advanced grades, and community civics in the first year are required in all high schools. The requirement in English has been increased to four periods per week for four years. Spanish has become more important while the formation of new classes in German, suspended during the war, has been continued since February 1, 1921. General science and typewriting are elective in first term, short business courses are offered in several schools and physical training has been greatly extended to comply with the Welch law.

The program of studies is designed to meet the specific requirements of the individual, and is planned to encourage initiative and resourcefulness on the part of principals and teachers. It recognizes that the high school aim is to train for service in a democracy—that curricula must be so ordered as to stress American ideals and government. The plan is outlined in a circular issued by the Superintendent of Schools, entitled "Requirements for Graduation from High Schools," which embodies the underlying principles of the "unit system" suggested by Principal Charles D. Larkins, of Manual Training High School, chairman of a committee of the High School Principals' Association, in 1914. It displaces the uniform system of studies adopted in 1902, revised in 1907 and thereafter.

In answer to a recent questionnaire sent out by the Associate Superintendent in Charge of High Schools, teachers expressed themselves as agreed that the grouping plan of required and elective subjects now in force possesses six distinct advantages: (1) the school program is rendered flexible; (2) science and mathematics can be substituted for languages; (3) transfer of pupils is facilitated; (4) college entrance programs are more easily planned; (5) the interest of the pupil is aroused and sustained; (6) there are fewer "misfit" programs.

DIFFERENTIATION OF STUDIES—GENERAL, COMMERCIAL, TECHNICAL

The initial organization of specialized high schools to care for a rapidly increasing register committed the city to a differentiation in subjects taught, and in methods of teaching. In 1916 about three-fourths of all high school instruction was in the traditional non-vocational subjects; about one-fourth was vocational—i. e., commercial, technical, manual. While the greater part of the non-vocational teaching was in the so-called general high schools (including those that emphasize college preparatory work), a large part of it was in the specialized commercial, technical and manual training schools. Each high school today, under this system, has its own program of studies, the result of the cumulative constructive labor of principal and teachers through a series of years. The content, order and emphasis of each subject is detailed in a syllabus, prepared usually by a committee of teachers, tested experimentally, revised from time to time, and finally submitted for adoption by the Board of Superintendents. Such syllabi are under constant revision, and some of them are identical with those adopted by the State Education Department.

The state education law (sec. 848) provides that it shall be the duty of the Board of Education in a city to authorize the general course of study which shall be given in the schools, and to approve the content of such courses before they become operative. The law provides, moreover, that the Board of Superintendents in a city shall prepare the content of such course, recommend the course to the Board of Education for approval, and after approval cause the course to be used in the schools for which it is authorized. The by-laws of the Board of Education (Sec. 7) provide for putting these provisions of the education law into effect.

SUPPLYING THE NEEDS OF THE INDIVIDUAL

The graduation requirements adopted in 1916 were based upon the fundamental principle that diversity of talent, aptitude and aim in pupils can be met only through a flexible group of electives extending through the entire course, so arranged as to avoid the forced repetition by pupils of subjects for which they have proved themselves unfitted. Selections from each group are made by pupils individually under the expert guidance of teachers, with whom the pupils are brought into intimate and sympathetic contact. Pupil effort is thus concentrated where it will do the most good, and desultory or haphazard choosing of subjects is discouraged.

Promotion by subject has become perfected and program making in each school under a corps of trained experts is an exact science. An effort has been made to strengthen student esprit de corps by excluding those who, because of indolence or other sufficient cause, fail to sustain themselves.

ENRICHMENT AND ADJUSTMENT OF THE CURRICULUM

In 1908 the teachers in the high schools of New York City began to think constructively and in an organized way on the content, method of treatment and vocational adaptability of the subjects in the curriculum. A great impetus was given to this movement by the research of the Committee on Revision of the High School Course of Study of the High School Teachers Association, under the chairmanship of Walter H. Eddy, of the High School of Commerce. This work was initiated by John L. Tildsley, President of the association, in 1908, and was concluded under the presidency of Arthur L. Janes. The principle underlying the committee's recommendations was that pupils should concentrate their major effort upon a few worth-while subjects, developed in an orderly and concise manner.

The keen spirit of inquiry and experiment on the part of high school teachers was kept consistently alive. In 1912 the High School of Commerce made the study of the daily newspaper a feature of the course in English, and the following year magazines were introduced. In 1913 in the same school mathematics was revised to fit a commercial career, and history was correlated in a practical manner with the national election. In 1913, in Jamaica, Latin and German were taught by the direct method; in Wadleigh a home-craft course was established; in Stuyvesant mathematics was made more directly practical in the first two years, and in the fourth year boys were permitted to specialize in such subjects as power plant drafting, mechanical and electrical engineering, foundry practice, machine shop practice, forging and farm carpentering. In 1914 a committee of the High School Principals' Association, under the chairmanship of Charles D. Larkins, of Manual Training High School, recommended to Associate Superintendent Meleny a special course of study for the first term pupils, and this plan was approved by the

High School Teachers' Association. Principal Larkins also submitted a comprehensive grouping plan of studies covering four years, based upon a "sixteen unit" requirement for graduation. A syllabus in household economy, based upon the homecraft course in Wadleigh, was adopted. A revised course for commercial classes in general high schools (small mixed schools and commercial classes in girls schools) was agreed upon, as a compromise between the recommendations of two different committees of commercial teachers.

General Four Year's Course—The Seventeen Unit Plan

The purpose of instruction in the general high schools is to train the pupil primarily by liberal studies to live the life of an intelligent and useful American citizen. Liberalizing studies are those which, while non-vocational, develop in the pupil vision, the ability to analyze and organize, to attack and solve new problems. A secondary purpose of these schools is to prepare for college and for professional and technical schools.

For purposes of selection, all subjects taught in the High Schools are arranged in the following groups:

- | | |
|---------------------------------|---------------------------|
| 1. English | 8. Domestic Art* |
| 2. First Foreign Language | 9. Domestic Science* |
| 3. Second Foreign Language | 10. Manual |
| 4. Third Foreign Language | 11. Commercial |
| 5. Mathematics | 12. Stenography |
| 6. Natural and Physical Science | 13. Physical Training |
| 7. Social Science | 14. Music |
| | 15. Drawing and Fine Arts |

* Domestic art and domestic science may be considered as one group.

Pupils are graduated from the general high schools upon completion of eight units of required work, and nine units of elective work.

The eight units required are selected as follows:

English	3 units
American History and Civics.....	1 unit
European History (January, 1922).....	1 unit
Economics	$\frac{1}{2}$ unit
Community Civics	$\frac{1}{2}$ unit
Physical training (as prescribed by state law); drawing (2 periods a week for 2 years); music (1 period a week for 1 year).....	2 units
	<hr/> 8 units

The nine units of electives are selected:

From one group.....	3 units
From a second group.....	2 units
From a third group.....	2 units
Additional from any group or groups.....	2 units
	<hr/> 9 units

By a "unit" is meant the satisfactory completion of five periods of prepared work, in one year, one period of unprepared work to be considered as equivalent to one-half a period of prepared work. A "group" includes all the courses enumerated in a single field, or in more than one field if joined together.

The completion of the total of seventeen units of prepared work requires the attendance upon recitations, the doing of assigned tasks, the passing of satisfactory tests, and the passing of the New York state examinations (or examinations equivalent) in English (3 units), American History and Civics (1 unit), and in other prepared subjects (5 units). Sixty per cent. is the passing mark in all subjects. Each graduate must pass an examination in oral English, must be shown by the school records to possess a good moral char-

acter, and must sign a pledge of loyalty to the United States. Pupils entering from another school in which the New York state examinations are not given need not take the New York state examinations in the subjects passed in the former school. Ratings given by the College Entrance Examination Board will be accepted in lieu of the state examination in those subjects. The course must be completed within a period of six years of school attendance.

ADAPTATION OF THE SEVENTEEN UNIT PLAN IN TYPICAL SCHOOLS

The curriculum of any high school at any given time represents the individual interpretation given by that particular school to the general course of study prescribed by the Board of Education. Within those general limitations each Principal is encouraged to develop details adapted to the specific character and problems of his school. The broad provisions of the grouping plan of studies have encouraged local experiments in methods, while conserving unity of aim and effort. The building of the curriculum for each school becomes an individual educational project by which the personality of the school and its teachers gives form and feature to the bare skeleton of the general prescription.

Each high school has a course of study of its own. Detailed information regarding the course is made available by frequent publication in the school *Hand-books*; special features of professional interest appear from time to time in the *Bulletin of High Points*; surveys of work under way, appraisal of results, and projected plans are the subject of extended reports made by the Principals to the Associate Superintendent assigned to High Schools. Comments on these reports, and excerpts from them, are published in the Annual Report of the Superintendent of Schools.

In New York City the "general four-year course" is given in *DeWitt Clinton, Eastern District, Erasmus Hall, Evander Childs, Far Rockaway, Flushing, George Washington, Girls', Jamaica, Manual Training, Morris, Newtown, New Utrecht, Richmond Hill, Wadleigh and Washington Irving*.

The general four-year course offers thorough instruction and training in general subjects; it also prepares for admission to college, and to training schools for teachers, and to nearly all professional schools. In each school pupils who expect to enter higher institutions must select those subjects that are specifically required by the institutions they expect to enter. In each school teachers are assigned to advise pupils in the choice of electives. In most of the high schools offering the general course there are electives in commercial subjects in the third and fourth years; in many of the schools there are elective courses for girls in domestic science and art.

The tabular presentation of the distribution of studies in two typical general high schools, illustrates in an interesting way the manner in which the grouping plan functions in courses of study already crystallized through years of slow formation.

Boys' High School, the oldest public high school for boys in New York City, is primarily a college preparatory school of conservative type, with a curriculum closely aligned with the requirements of the state Regents and the College Entrance Examination Board. It is traditionally a stronghold of the humanities and of mathematics.

DISTRIBUTION OF SUBJECTS IN BOYS' HIGH SCHOOL.

(Adapted from B. H. S. Hand-Book, 1919.)

Figures refer to numbers of periods per week.

Terms:	I	II	III	IV	V	VI	VII	VIII
English	5	4	4	4	3	4	4	4
Elocution .....	..	1	1	1	1	1	1	1
French	5	5	5	5	5	5	..	..
German	5	5	5	5	5	5	5	5
Spanish	5	5	5	5	5	5	..	..
Latin	5	5	5	5	5	5	5	5
Elementary algebra	5	5	..	..	..	..	..	..
Intermediate algebra .....	..	..	..	..	..	5	..	..
Advanced algebra .....	..	..	..	..	..	..	..	5
Plane geometry .....	..	..	4	4	4	..	..	..
Solid geometry .....	..	..	..	..	..	..	..	4
Trigonometry .....	..	..	..	..	..	..	5	..
European history .....	..	..	5	5	..	..	..	..
American history and civics .....	..	..	..	..	5	5	..	..
Economics .....	..	..	..	..	..	..	5	or 5
Community civics	5	..	..	..	..	..	..	..
Biology .....	..	5	5	..	..	..	5	5
Physics .....	..	..	..	..	5	5	..	..
Chemistry .....	..	..	5	5	..	..	5 (5x)	5
Drawing	2	2	2	2	..	..	..	5
Music	1	1	1	1	..	..	..	..
Physical Training	5	5	5	5	5	5	5	5

Wadleigh High School, the oldest girls' high school in Manhattan, prepares for advanced institutions, at the same time offering a home-craft course and commercial electives.

DISTRIBUTION OF ELECTIVE SUBJECTS IN WADLEIGH HIGH SCHOOL

(The Wadleigh Hand-Book, 1920-21.)

Figures refer to numbers of periods per week.

Years:	I	II	III	IV
1. First foreign language.....	5	5	5	5
2. Second foreign language.....	..	5	5	5
3. Third foreign language.....	..	..	5	5
4. Mathematics:				
(a) Commercial and household arithmetic.....	..	5	..	..
(b) Algebra	5	or 5	..	..
(c) Geometry .....	..	5	or 5	..
(d) $\frac{1}{2}$ Intermediate algebra.....	..	..	5	or 5
(e) $\frac{1}{2}$ Advanced algebra.....	..	..	5	or 5
5. Natural and Physical Science:				
(a) Biology	5	..	..	..
(b) General science	5	..	..	..
(c) Chemistry .....	..	5	or 5	or 5
(d) Advanced biology (Sanitation).....	..	5	or 5	..
(e) Physics .....	..	..	5	or 5
(f) Physiography .....	..	..	5	or 5
(g) Advanced botany .....	..	..	5	or 5
6. Domestic Art and Science:				
(a) $\frac{2}{5}$ Cooking	3	3	..	..
(b) $\frac{2}{5}$ Sewing	2	2	..	..
(c) $\frac{1}{2}$ Household management.....	..	..	5	or 5
(d) $\frac{2}{5}$ Millinery .....	..	2	or 2	or 2
(e) Care and remodeling of clothing.....	..	2	or 2	or 2
(f) $\frac{1}{2}$ Solid geometry .....	..	..	..	5
(g) $\frac{1}{2}$ Trigonometry .....	..	..	..	5
7. Commercial branches:				
(a) Stenography .....	..	..	5	or 5
(b) $\frac{1}{2}$ Typewriting .....	..	..	5	or 5
(c) Commercial geography .....	..	..	5	or 5
8. Drawing and Fine Arts.				
(a) Applied design .....	..	5	5	5
(b) $\frac{2}{5}$ Costume design.....	..	..	2	or 2
(c) $\frac{1}{5}$ Intermediate drawing.....	..	..	2	or 2
9. Music:				
(a) $\frac{2}{5}$ Rudiments of music.....	..	2	or 2	..
(b) $\frac{3}{5}$ Dictation and Melody writing.....	..	3	or 3	..
(c) $\frac{3}{5}$ Elementary harmony.....	..	..	3	or 3
(d) $\frac{4}{5}$ History of Music and Appreciation.....	..	..	4	or 4

10. Vocation Study	5	or	5	or	5	or	5
11. $\frac{1}{2}$ Social Efficiency.....	..	..	..	..	5	or	5
12. $\frac{1}{2}$ Community Civics (elective until June, 1923)...	5	..	..	..	..	..	..
13. $\frac{1}{10}$ Current History.....	1	or	1	or	1	or	1
14. Ancient or modern history.....	5	..	..	..	..	..	..

The girls of *Bay Ridge High School* are furnished with a similar tabular presentation, in which is shown the subdivision of studies under the several groups, and the distribution through eight successive terms. This school, like Wadleigh, while stressing college preparation, offers a broadly cultural course which includes home economics and commercial subjects as well as those required for entrance to advanced institutions.

PUPIL GUIDANCE UNDER THE GROUPING PLAN

The freedom of choice of subjects under the grouping plan has given a broader opportunity to Principals, grade advisors, graduation class advisors, and vocational experts, particularly in the larger schools.

In *Boys' High School* every effort is made to develop in the boys an appreciation of their own responsibility in planning their future school life. The senior class advisor addresses the boys in the first term assemblies, and interviews personally all prospective graduates in the sixth term, and follows these boys term by term through the remainder of their course. Boys are advised to plan in the first two years courses that will count toward graduation from any high school, and toward entrance to any college. Two programs of this type are:

First Year

English
Algebra
First Language
Com. Civics $\frac{1}{2}$
Biology $\frac{1}{2}$
Minors

Second Year

English
Plane Geometry
First Language
Biology $\frac{1}{2}$
European History $\frac{1}{2}$
Minors

After second year boys whose future is definite determined and who expect to enter advanced institutions are advised to plan their own programs with the help of a table of maximum entrance requirements for each vocational course. Such a table, compiled from the announcements of the more important eastern colleges and professional schools, follows:

Course	Terms in High School			Units
	Language	Mathematics	Science	
Arts	12	6	2	17.6
Science	10	8	4	18.4
Engineering	6	9	6	17.8
Architecture	6	9	4	16.9
Agriculture	6	6	6	16.6
Commerce	10	6	2	16.6
Optometry	10	8	4	18.4
Law	6	6	2	16.8
Medicine	10	6	4	17.6
Dentistry	10	6	6	18.6

Typical third and fourth year pupil programs, based upon these maximum vocational requirements and upon the distribution of subjects in *Boys' High School*, are as follows:

Third Year

ARTS—

English, Eur. History $\frac{1}{2}$, U. S. History $\frac{1}{2}$, 1st Lang., 2nd Lang., Int. Algebra $\frac{1}{2}$, Phys. Trng.

SCIENCE—

English, Eur. History $\frac{1}{2}$, U. S. History $\frac{1}{2}$, 1st Lang., 2nd Lang., Int. Algebra $\frac{1}{2}$, Trigonometry $\frac{1}{2}$, Phys. Trng.

Fourth Year

English, U. S. History $\frac{1}{2}$, Economics $\frac{1}{2}$, 1st Lang., 2nd Lang., 1 Elective, Phys. Trng.

English, U. S. History $\frac{1}{2}$, Economics $\frac{1}{2}$, 2nd Lang., Solid Geometry $\frac{1}{2}$, Adv. Algebra $\frac{1}{2}$, Physics, Phys. Trng.

ENGINEERING—

English, Eur. History $\frac{1}{2}$, U. S. History $\frac{1}{2}$, 1st Lang., Int. Algebra $\frac{1}{2}$, Trigonometry $\frac{1}{2}$, Physics. Phys. Trng. English, U. S. History $\frac{1}{2}$, Economics $\frac{1}{2}$, Solid Geometry $\frac{1}{2}$, Adv. Algebra $\frac{1}{2}$, Chemistry, 1 Elective, Phys. Trng.

ARCHITECTURE—

English, Eur. History $\frac{1}{2}$, U. S. History $\frac{1}{2}$, 1st Lang., Int. Algebra $\frac{1}{2}$, Trigonometry $\frac{1}{2}$, Physics, Phys. Trng. English, U. S. History $\frac{1}{2}$, Economics $\frac{1}{2}$, Solid Geometry $\frac{1}{2}$, Adv. Algebra $\frac{1}{2}$, Mech. Drawing, 1 Elective, Phys. Trng.

AGRICULTURE—

English, Eur. History $\frac{1}{2}$, U. S. History $\frac{1}{2}$, 1st Lang., 1 Elective, Phys. Trng. English, U. S. History $\frac{1}{2}$, Economics $\frac{1}{2}$, 2 Electives, Phys. Trng.

COMMERCE—

English, Eur. History $\frac{1}{2}$, U. S. History $\frac{1}{2}$, 1st Lang., 1 Elective, Phys. Trng. English, U. S. History $\frac{1}{2}$, Economics $\frac{1}{2}$, 1st Lang. (for A. B.), 2 Electives, Phys. Trng.

OPTOMETRY—

English, Eur. History $\frac{1}{2}$, U. S. History $\frac{1}{2}$, Int. Algebra, 2 Electives, Phys. Trng. English, U. S. History $\frac{1}{2}$, Economics $\frac{1}{2}$, 2 Electives, Phys. Trng.

LAW—

English, Eur. History $\frac{1}{2}$, U. S. History $\frac{1}{2}$, 3 Electives, Phys. Trng. English, U. S. History $\frac{1}{2}$, Economics $\frac{1}{2}$, 2 Electives, Phys. Trng.

MEDICINE*

English, Eur. History $\frac{1}{2}$, U. S. History $\frac{1}{2}$, 1st Lang., Physics, 2 Electives, Phys. Trng. English, U. S. History $\frac{1}{2}$, Economics $\frac{1}{2}$, Chemistry, 1 Elective, Phys. Trng.

DENTISTRY**

English, Eur. History $\frac{1}{2}$, U. S. History $\frac{1}{2}$, 1st Lang., Physics, 2 Electives, Phys. Trng. English, U. S. History $\frac{1}{2}$, Economics $\frac{1}{2}$, Chemistry, 1 Elective, Phys. Trng.

* Electives must include two sciences; course must be followed by two years college work.

** Electives must include three sciences; course must be followed by one year college work after January, 1921.

The guidance of boys for vocations, including those who do not intend to enter higher institutions and those who do not complete the course, is a matter of great difficulty, since there is great divergence of opinion as to the relative value of subjects. The principal and teachers of the *DeWitt Clinton High School* have made a noteworthy attempt to furnish this guidance on a comprehensive scale. Specialized courses of study recommended by the faculty and based upon the current school program are suggested for the following twenty-two vocations, and a teacher-advisor is named for each course.

Teaching	Commercial Art
Law	West Point and Annapolis
Journalism	Music
Pharmacy	Forestry
Dentistry	Agriculture
Medicine	Civil Engineering
Public Service or Politics	Chemical Engineering
Manager or Salesmanship	Mining Engineering
Accounting	Electrical Engineering
Stenographer or Secretary	Mechanical Engineering
Physical Director	Sanitary Engineering

Typical programs recommended for boys who intend to become teachers, physical directors, musicians and foresters, are as follows:

Teaching—*English, 1-8; Mathematics 1-4 (correlated with emphasis on algebra and geometry); Latin 1-4; French 1-4; Science 1G, 2G (General Science); Science 3A, 4A (Chemistry of common things); Science 5-6 (Physics); Science 4x (Theoretical chemistry); Economics; Community civics 1-2; History 1-2 (Ancient); History 3-4 (European); History 5-6 (American History and Civics).

Physical Director—*English 1-8; Mathematics 1-4 (Correlated with emphasis on algebra and geometry); Latin 1-2; French 1-6; **Science 1-2 (Biology); Science 3A, 4A (Chemistry of common things); Science 5-6 (Physics); **Science 9-10 (Biology); Economics; Community civics 1-2; History 1-2 (European); History 3-4 (European); History 5-6 (American History and Civics).

Music—English 1-8; Mathematics 1-2 (Correlated with emphasis on algebra and geometry); Italian 1-3; Economics; French 1-6; Science 1G, 2G (General science); *Science 5S (Theory of sound); *Dictation and melody 1-2; *Elementary harmony 1-2; *History and appreciation of music, 1-2; Community civics 1-2; History 1-2 (European); History 3-4 (European); History 5-6 (American History and Civics).

Forestry—English 1-8; *Mathematics 1-4 (correlated with emphasis on algebra and geometry); *Mathematics 5 (Intermediate algebra); **Mathematics 7 (Trigonometry); *Mathematics 6 (Advanced algebra); *Mathematics 8 (Solid geometry); *Science 1-2 (Biology); *Science 3-4 (Chemistry); **Science 5-6 (Physics); *Science 4X (Theoretical Chemistry); Economics; Community civics 1-2; History 1-2 (European); History 3-4 (European); History 5-6 (American History and Civics).

In each specialized course, subjects of special importance are marked with an asterisk (*), those of greater importance with a double asterisk (**), and subjects required for graduation are printed in heavy type. Boys failing in a subject marked with a single asterisk (*) are advised to give serious consideration to another vocation.

In *Morris High School* six parallel courses are offered, based on six major interests. Of these courses, four—the Classical, Modern Language, Mathematics and Science courses—are general; and two—the Business and Household Arts courses—are vocational. These courses are tabulated in parallel columns for pupil guidance, and are annotated with respect to college entrance and vocational requirements. *Curtis High School* offers three model college entrance courses, based on the general course of study—a Model Course with Two Foreign Languages, a Model Course without a Second Foreign Language, and a Model Course with Commercial Electives; also two supplementary vocational courses—a secretarial course and a bookkeepers' course. *Jamaica High School* has prepared a series of exhaustive graduation plans and accompanying term plans which provide for the adjustment of pupils' programs to the Regents' examinations and to college entrance requirements and vocational needs. Varying types of pupils are served by means of devices known as the special subject plan, the extension term plan, the short term plan, the make-up term plan, and the modified subject plan.

Commercial Courses

The purpose of the specialized courses of study in the high schools of New York City is to meet the vocational needs of pupils who are not fitted by aptitude, or permitted by circumstance, to follow the general four years' course.

The special aim of the commercial courses is to prepare boys and girls for early participation in business. The subjects, clerical in the one-year course, are extended in the three and four-year courses to include the scientific principles of commerce. In all commercial courses the general requirements in English and the social sciences insures a proper balance of culture and general training. In 1920 7 percent. of all the pupils in the New York high schools were registered in commercial courses.

There are five predominantly commercial high schools in New York City—the *Commercial High School* and *High School of Commerce* for boys, *Julia Richman* and *Girls Commercial* for girls, and *Theodore Roosevelt* for boys and girls. In *Washington Irving High School* the commercial course is of equal importance with the general and technical courses. Commercial courses, or isolated commercial subjects, are taught, however, in all the high schools with the exception of Boys and Stuyvesant.

A four-year commercial course is offered in *Bay Ridge, Bryant, Bushwick, Commercial, Girls Commercial, High School of Commerce, Julia Richman and Theodore Roosevelt*; a three-year commercial course in *Bryant, Commercial, Curtis, Eastern District, Evander Childs, Far Rockaway, Flushing, George Washington, Girls', Girls' Commercial, Jamaica, Julia Richman, Morris, Newtown, New Utrecht, Richmond Hill and Washington Irving*; a one-year commercial course in *Bryant, Bushwick, Commercial, Curtis, Evander Childs, Far Rockaway, Jamaica, Julia Richman, Newtown, Richmond Hill and Theodore Roosevelt*.

The course of study for *Commercial High School*, adopted January 2, 1900, was extended from three to four years in 1911, although a special three-year course continues to be offered, and there is a one-year course for boys who are compelled to enter business as early as possible. Eight subjects are specified as required in each of the four years, one elective is allowed in each of the first two years, and three electives in each of the last two years.

DISTRIBUTION OF SUBJECTS IN COMMERCIAL HIGH SCHOOL

The groups of three figures refer to the numbers of prepared recitations, unprepared recitations, and study periods respectively, in each subject per week. Electives are designated by an asterisk (*).

Years:	I	II	III	IV
English	3, 1, 1	3, 1, 1	3, 1, 1	3, 1, 1
Community Civics	3, 1, 1	.....	.....	.....
Commercial History of Europe.....	.....	3, 1, 1	.....	.....
American History and Civics.....	.....	.....	3, 1, 1	.....
Economics .....	.....	.....	.....	3, 1, 1
Business Calculation	3, 1, 1	.....	.....	.....
Business Practice and Accounting*.....	0, 5, 0	.....	.....	.....
Bookkeeping .....	.....	3, 1, 1	3, 1, 1	.....
Penmanship .....	.....	0, 4, 0	.....	.....
Accounting* .....	.....	.....	.....	0, 5, 0
Stenography*	3, 1, 1	.....	3, 1, 1	3, 1, 1
Typewriting	0, 4, 0	.....	.....	0, 5, 0*
Commercial Law ($\frac{1}{2}$).....	.....	.....	.....	3, 1, 1
Social Problems ($\frac{1}{2}$).....	.....	.....	.....	3, 1, 1
General Science and Hygiene.....	3, 1, 1	.....	.....	.....
Commercial Geography .....	.....	.....	3, 1, 1	.....
Raw Materials .....	.....	.....	0, 2, 0	.....
Chemistry (Commercial) .....	.....	3, 1, 1	.....	3, 1, 1*
Physics* .....	.....	.....	3, 1, 1	3, 1, 1
Biology .....	.....	.....	3, 1, 1	.....
Algebra* .....	.....	3, 1, 1	3, 1, 1	3, 1, 1
Geometry* .....	.....	3, 1, 1	3, 1, 1	3, 1, 1
Arithmetic (Review) .....	.....	.....	.....	0, 3, 0
French*	3, 1, 1	3, 1, 1	3, 1, 1	3, 1, 1
Spanish*	3, 1, 1	3, 1, 1	3, 1, 1	3, 1, 1
Commercial Design	0, 2, 0	0, 2, 0	0, 5, 1*	0, 5, 0*
Mechanical Drawing and Construction*	0, 5, 0	0, 5, 0	0, 5, 0	0, 5, 0
Music	0, 1, 0	0, 1, 0	.....	.....
Physical Training	0, 3, 0	0, 3, 0	0, 3, 0	0, 2, 0

The four-year course in the *High School of Commerce* is the result of eighteen years of continuous experimenting by successive principals and teachers, and is highly specialized. The aim is "to build up on a foundation of mercantile accounts a training in business organization and practice which will fit young men for employment in the more progressive types of business organization in this community." The course was first adopted in 1902, was revised in 1906, 1915 and 1918, and is still in an experimental stage. The course follows a grouping plan similar in form to that prescribed for the general high schools. For graduation, 19.7 units of work are required, of which 12.7 are specified requirements and 7 are electives selected 3 from one group, 2 from another group and 2 from any of the groups. The 12.7 units required are distributed as follows:

Year	I	II	III	IV	Total
English .....	.9	.9	.9	.9	3.6
Civics	1.0	...	...	...	1.0
Mercantile Accounts	1.0	1.0	...	...	2.0
Typewriting .....	.5	...	...	...	.5
Commercial Design .....	.2	.2	...	...	.4
Music .....	.1	.1	...	...	.2
Physical Training and Hygiene.....	.5	.5	.5	.5	2.0
History .....	...	...	1.0	1.0	2.0
Economics .....	...	...	1.0	...	1.0
					12.7

DISTRIBUTION OF SUBJECTS IN THE HIGH SCHOOL OF COMMERCE

(Compiled from "The Commerce Hand-book," 1920)

Electives are designated by an asterisk (*), figures refer to numbers of periods per week:

Terms:	I	II	III	IV	V	VI	VII	VIII
1. <i>English</i>								
English	5	5	5	5	4	4	4	4
Elocution .....	..	..	..	..	1	1	1	1
2. <i>Commercial Branches</i>								
Mercantile Accounts (inc. Arithmetic)	5	5	5	5	..	..	..	..
*Business Organization .. ..	..	..	..	..	..	..	5	5
*Law .....	..	..	..	..	5	5	5	5
3. <i>Stenography</i>								
Typewriting and Office Practice	5	5	..	..	..	..	..	..
*Stenography and Typewriting .....	..	..	7	7	7	7	..	..
4. <i>Economics</i>								
Commercial geography ...	5	5	..	..	..	5	..	..
Theory of Economics.....	..	..	..	..	5	5	..	..
*Foreign and Domestic Trade .....	..	..	..	..	..	..	5	5
*Marketing and Merchandising .....	..	..	..	..	..	..	5	5
*Industrial Organization..	..	..	..	..	..	..	5	5
*Banking and Insurance...	..	..	..	..	..	..	5	5
*Transportation .....	..	..	..	..	..	..	5	5
*Foreign Trade .....	..	..	..	..	..	..	5	5
5. <i>History and Civics</i>								
Civics and Vocational Studies	5	5	..	..	..	..	..	..
*Commercial History .....	..	..	5	5	..	..	..	..
History (European) .....	..	..	..	..	5	5	..	..
History (American) .....	..	..	..	..	..	..	5	5
6. <i>Modern Languages</i>								
*German, French, Spanish.	5	5	5	5	5	5	5	5
7. <i>Science</i>								
*General Science	5	5	..	..	..	..	..	..
*Chemistry .....	..	..	5	5	..	..	5	5
*Physics .....	..	..	..	..	5	5	..	..
*Materials of Commerce...	..	..	..	..	..	..	5	5
8. <i>Mathematics</i>								
*Mathematics .....	..	..	5	5	5	5	5	5
Arithmetic .....	..	..	..	..	..	..	2	2
9. <i>Commercial Art</i>								
Commercial Design	2	2	2	2	5*	5*	7*	7*
10. <i>Physical Training</i>								
Physical Training and Hygiene	5	5	5	5	5	5	5	5
11. <i>Music</i>								
Music .....	..	..	..	..	..	..	5	5

In this experimental course mercantile accounts, with arithmetic, is fundamental, while merely routine bookkeeping, stenography and typewriting are of secondary importance. Typewriting and office practice, however, are stressed early in the course for the benefit of boys who leave at the end of the first year. The theory of economics is developed in the third year, clearing the way for a variety of electives in

economics and commerce the fourth year. Provision is made by means of a system of bonuses for graduation at the end of three and one-half years.

In a special circular issued to pupils the course is differentiated along the lines of nine vocations: (a) Office assistants; (b) Accountants; (c) Wholesale and retail trade (general); (d) Wholesale and retail trade (textiles); (e) Wholesale and retail trade (chemical); (f) Banking, brokerage, insurance; (g) Transportation; (h) Foreign trade; (i) Commercial design and advertising. Pupils are encouraged to choose a vocation tentatively at the end of the first year, and under the guidance of teachers of Civics and Vocational Studies, each pupil's course is so shaped as to prepare for the vocation selected.

The problem of training girls for business was attacked with great thoroughness by the principal and teachers of the *Julia Richman High School*, and there resulted the present course of study, adopted in 1918. The purpose of the course is to make business subjects the core of the course for knowledge and technique, and for culture and general training, and to make the work largely elective by groups to allow concentration on accounting and secretarial work. There are eleven groups of subjects, generally similar to the groups in the *High School of Commerce*, except that mathematics is eliminated and domestic science is included. The requirement for graduation is 16 units, of which $8\frac{1}{2}$ units are specified requirements and $7\frac{1}{2}$ units elective.

DISTRIBUTION OF SUBJECTS IN JULIA RICHMAN HIGH SCHOOL

Electives are designated by an asterisk (*); figures refer to number of periods per week.

Years:	I	II	III	IV
1. <i>English Group</i>				
English	5	5	5	5
2. <i>Stenography Group</i>				
*Stenography	5	5	5	5
Typewriting	5	5	5	5
Office Practice	2	..	..	..
3. <i>Commercial Branches Group</i>				
*Calculations and Accounts	5	..	5	..
*Bookkeeping .....	..	5	..	..
*Advanced Commercial Arithmetic .....	..	5	..	..
*Elementary Accounting .....	..	..	..	5
*Commercial Credits .....	..	..	..	$2\frac{1}{2}$
*Statistics .....	..	..	..	$2\frac{1}{2}$
*Business Organization .....	..	..	$2\frac{1}{2}$	..
*Commercial Law .....	..	..	$2\frac{1}{2}$	$2\frac{1}{2}$
4. <i>Modern Language Group</i>				
*French, German, Spanish	5	5	5	5
5. <i>Science Group</i>				
Hygiene	1	1	1	1
*Commercial Biology and Sanitation....	5	..	..	..
*General Science	5	..	..	..
*Physics .....	..	5	..	..
*Chemistry .....	..	..	5	..
*Physiology .....	..	..	..	5
6. <i>Economics and History Group</i>				
Community Civics	3	..	..	..
*Commercial Geography and Industrial History .....	..	$3\frac{1}{2}$	..	..
Modern History .....	..	$2\frac{1}{2}$	..	$2\frac{1}{2}$
American History and Civics.....	..	..	5	..
Economics .....	..	..	5	or 5
7. <i>Commercial Art Group</i>				
Drawing	2	..	..	..
*Household Art	$2\frac{1}{2}$	..	..	..
*Design .....	..	..	$2\frac{1}{2}$	..
8. <i>Domestic Science Group</i>				
*Domestic Science	$2\frac{1}{2}$	..	..	..
*Household Economy .....	..	..	5	5
9. Physical Training	5	5	5	5
10. Music	2	..	..	..

A special intensive secretarial course of one term is offered to graduates of academic high schools and students or graduates of colleges and training schools for teachers. The subjects taught are: stenography, 10 periods; typewriting, 10 periods; office practice, 3 periods; business organization, 3 periods; commercial English, 3 periods; physical training, 2 periods.

The *one-year business course*, offered in nearly all the high schools in which commercial subjects are taught, is designed to benefit the large numbers of commercial pupils who leave school prematurely. It is expected that the course shall immediately and directly function in the job the boy or girl takes on leaving school. The provisions for this course, which went into effect February 1, 1919, are:

Figures refer to number of periods per week.

	Term I	Term II
English	5	5
Community Service	5	..
Local Industries or Stenography .....	..	5
Business Calculations and Accounts	5	5
Typewriting	5	5
Office Practice	3	3
Elementary Science or Commercial Geography	5	5
Commercial Design	2	2
Physical Training and Hygiene	5	5
..	35	35

One period each week is devoted to supervised study in each of the four major subjects.

A similar prescribed outline for a *three-year commercial course* is now under consideration by a committee of teachers.

The one-year outline serves generally as the basis of both the one-year and the three-year course in most of the high schools. For example, *Evander Childs* offers the approved one-year course, a three-year course with an optional fourth year, and a regular four-year business course. In *Washington Irving* there is a three-year commercial course, with an optional fourth year, in which pupils at the beginning of the second year elect work in the bookkeeping branch, or the stenography-typewriting and office practice branch, for the remainder of the course. In *Commercial* and in *Curtis* there are a three-year secretarial course and a three-year bookkeepers' course.

The three-year commercial course in *New Utrecht* may be taken as a typical illustration:

COMMERCIAL THREE-YEAR COURSE IN NEW UTRECHT HIGH SCHOOL

Figures refer to numbers of periods per week.

Years:	I	II	III
English	5	4	4
Bookkeeping	5	5	..
Commercial Arithmetic	5	..	..
Modern Language or Typewriting	5	..	5
Stenography .....	..	5	..
Typewriting .....	..	2	..
Commercial Economics .....	..	2	..
Language or Science or Mathematics or History II. ....	..	5	..
Law and Salesmanship .....	..	..	5
American History .....	..	..	5
Language or Bookkeeping or Typewriting .....	..	..	5
Drawing	2	..	..
Civics	2	..	..
Physical Training	3	3	3
Music	1	1	..

New Utrecht offers a general four-year course, a one-year commercial course and a three-year commercial course. Advanced commercial subjects are open to academic pupils on the principle that some attention to commercial subjects is necessary in a well-rounded education, and strictly commercial pupils are advised to pay some attention to liberal subjects. The policy of *New Utrecht* is to break down the barrier between the strictly academic and commercial subjects by judicious combination of the two branches.

Manual Training, Technical and Industrial Courses

The distinctive aims of manual, technical and industrial training in the high schools of New York City is to meet the vocational needs of those persons who are especially benefited by motor activity and who possess an aptitude for mathematics, applied science or constructive arts.

The specialized four-year manual training, technical and industrial courses are: Manual training, technical and industrial, in *Stuyvesant*, *Bushwick*, *Manual Training*, *Bryant*, *Newtown* and *Flushing*; applied science in *Stuyvesant*; technical, in *Manual Training*; homecraft, in *Wadleigh*; library work, in *Washington Irving*. The three-year courses are: Dressmaking, costume design and millinery, in *Washington Irving*; industrial are (including costume illustration and commercial design), in *Washington Irving*; domestic science and art, in girls and mixed high schools other than *Wadleigh* and *Morris*.

The purpose of *Stuyvesant High School* is "to provide a broad training for boys whose aptitude and tastes for mathematics and physics suggest the choice of a professional career in some field of applied science." Boys in this school may prepare to enter any college or technical school, open to high school graduates, or may elect special advanced courses in science and thus prepare themselves for employment in selected professions upon graduation. Mathematics is involved in all the characteristic courses in *Stuyvesant*, and success of pupils in this school is dependent upon acquired power to solve practical mathematical problems.

The requirements for graduation from *Stuyvesant* are distributed as follows:

	Terms	Units
English	7	3.5
One Foreign Language	6	3
Elementary Algebra	1	1
Plane Geometry	2	1
Physics	2	1
Chemistry or Second Foreign Language	2	1
History (European and American)	3	1.5
Community Civics	1	5
Physiology and Music	1	5
Gymnasium	4	1
Mechanic Arts (10 periods a week)	6	3
Elective	1	5

Other prepared subjects in *Stuyvesant* are advanced elocution, intermediate algebra, solid geometry, qualitative analysis, quantitative analysis, applied mechanics, applied electricity, advanced biology, advanced music, advanced physics.

Unprepared subjects include joinery, wood-turning, pattern-making, mechanical drawing, machine design, architectural drawing, topographic drawing, ship design, freehand drawing, art metal work, foundry, building construction, forging, machine shop, instrument making.

Specific courses of six periods per day, for eight terms, are recommended for each of the following professions:

Patent Law	Mechanical Engineering
Dentistry	Electrical Engineering
Chemical Engineering	Mining Engineering
Civil Engineering	Architecture
Medicine and Surgery	Government Physicist

The purpose of the technical courses in *Manual Training High School* is to prepare for entrance to technical schools and colleges, and also for immediate entrance on graduation into such practical occupations as building construction, surveying, electrical installation and shipbuilding. The school is in transition from a manual training high school, with the traditional blending of general subjects with a definite proportion of shopwork in wood and metal, to that of a real technical high school with courses directly vocational.

The new technical course for boys in *Manual Training High School*, adopted February 1, 1919, is now in force as follows:

DISTRIBUTION OF SUBJECTS IN THE TECHNICAL COURSE FOR BOYS IN
MANUAL TRAINING HIGH SCHOOL
(From the Manual Hand-book, 1919-20)

Figures refer to periods per week; electives are designated by an asterisk (*).

Years:	I	II	III	IV
English	5	4	4	4
Mathematics	5	5	5	*5
Science (Chemistry, Physics) .....	..	5	5	..
American History and Civics .....	..	..	..	5
Civics	2	..	..	..
Geography, Industrial	5	..	..	..
Foreign Language .....	..	..	*5	*5
Drawing	6	6	2.4	2.4
Shop	10	10	*6-10	*6-10
Technical Subjects .....	..	..	*5-10	*10-20
Economics (1 term) .....	..	..	..	*5
Physical Training and Hygiene.....	3	3	2	2

Technical electives include strength of materials, surveying, steam and gas engine, generation and distribution of electrical power, alternating current.

The aim of the technical course in *Bushwick* is to provide a thorough training for boys who do not expect to continue their study beyond the high school course. This is not a trade course, but is adapted to develop mechanical intelligence, and to provide systematic training in the processes fundamental to many industries. It is not designed to develop primarily machine workers, but to teach mechanical drafting, and the construction, operation and repairing of machines, so that a technical knowledge of machines and tools, together with a general training in related academic subjects, will enable the boys to advance rapidly to responsible positions. The course includes as an elective special instruction on the gas engine, and the operation and repair of automobiles.

Since February 1, 1920, students in *Bushwick* in any course have been permitted to select special work offered in any other course, and work of this kind is credited toward graduation. Students in the general course are thus permitted to take work in the commercial department or in the shops, and technical students and commercial students may drop these subjects and enroll in the academic course. This flexibility of the program permits to a large degree the cultivation of special interests.

In *Bryant* there is a manual training course of four years, and a combined commercial and technical course of four years for girls, in addition to the general course. Manual training students have six

periods of shop work weekly throughout the course, except that in the fourth year mathematics may be substituted for shop work. Manual training students must have studied at least one foreign language for at least three years in order to graduate. Girls who so desire may secure a three-year technical diploma after three years of satisfactory work in the commercial and technical course.

The *Washington Irving High School* is a composite school with a general course of four years and commercial and industrial courses of three years, with an optional fourth year. There are three industrial courses—the dressmaking, costume design and millinery course, the home and trade course in food and cookery, and the industrial art course.

DISTRIBUTION OF SUBJECTS IN THE THREE INDUSTRIAL COURSES IN WASHINGTON IRVING HIGH SCHOOL.

Figures refer to periods per week; electives are designated by an asterisk (*).

Subjects Common in the Three Courses

Years:	I	II	III	IV Optional
English	5	5	5	3
Physical Training	2	2	2	2
Elocution	1	..	..	..
Music	1	..	..	..
Drawing	2	..	..	..
Physiology and Hygiene.....	1	..	..	..
Community Civics	2	..	..	..
French, German, Italian or Spanish.....	5	5	5	5
American History and Civics.....	..	..	5	..

Additional Subjects in the Dressmaking, Costume Design and Millinery Course

Domestic Science and Art.....	5	..	..	..
Elementary Dressmaking	4	..	..	..
Costume Design and Dressmaking.....	..	20	15	25
Modern European History*.....	..	5	or 5	..
Elocution* .....	..	5	or 5	..
Drawing* .....	..	5	or 5	..
Music* .....	..	5	or 5	..
Millinery* .....	..	5	or 5	..
Costume Illustration* .....	..	..	..	5
Applied Chemistry* .....	..	5	or 5	..
Biology* .....	..	5	or 5	..
Science* .....	..	5	or 5	..

Additional Subjects in the Home and Trade Course in Food and Cookery

Sewing	5	..	..	..
Cookery	4	..	..	..
Foods and Cookery .....	..	15	10	..
Lunch Room Service.....	..	..	..	5
Biology .....	..	5	..	..
Bookkeeping* .....	..	5	..	..
Typewriting* .....	..	5	..	..
Household Decoration* .....	..	5	..	..
Chemistry* .....	..	..	5	..

Additional Subjects in the Industrial Art Course

Domestic Science and Art.....	5	..	..	..
Elementary Art	5	..	..	..
Art .....	..	20	15	25
Modern European History*.....	..	5	or 5	..
Music* .....	..	5	or 5	..
Elocution* .....	..	5	or 5	..
Sewing and Millinery*.....	..	5	or 5	..
Applied Chemistry* .....	..	5	or 5	..
Biology* .....	..	5	or 5	..
Art* .....	..	5	or 5	..

The aim of the *dressmaking, costume design and millinery course* is to give an insight into the modern processes of the dressmaker's trade. In the end a girl can design and model the patterns for all the gowns she makes.

The *home and trade course in food and cookery* prepares a girl for an assistant managerial position in homes, hotels, tea-rooms and hospitals, and also for the duties of an efficient housewife.

The *industrial art course* allows a girl to fit herself definitely for costume illustration, commercial design or textile design. There is a large commercial field for a girl with an aptitude for this work, and every effort is made to bring the student up to trade standards.

Newtown High School, located on the border of an area of intensive market gardening in Queens, has developed a unique four-year course in Agriculture for the benefit of pupils wishing to make practical application of this course on nearby farms, or intending to enter a school of agriculture later.

PART TIME CO-OPERATIVE CLASSES

On September 13, 1920, all part time co-operative classes which had been conducted in Bay Ridge, Bushwick, Commercial, Erasmus, Julia Richman, Manual, Morris, Newtown, Stuyvesant, Theodore Roosevelt, and Washington Irving high schools, were transferred, with the exception of those in the Manual Training High School, to a new co-operative high school in Public School No. 44, Manhattan, known as the *Haaren High School*. The teachers who had been acting as co-ordinators in their respective high schools were temporarily assigned to the new school until a permanent organization could be effected. Public School 44 is located at Hubert and Collister Streets, within three blocks of the Canal Street station on the Seventh Avenue subway and within walking distance of the Sixth and Ninth Avenue elevated, Broadway and Lexington Avenue subways. The aim of the school is to prepare pupils for business in the most practical way possible and enable them, at the same time, to earn enough money to pay their expenses.

Both three-year and four-year courses are offered in commercial subjects and in merchandising and selling. A diploma is given upon the satisfactory completion of any course.

Pupils are sent out to work every other week in business offices, shops, retail and wholesale selling establishments. The outside work of pupils is carefully supervised by a co-ordinator and an attempt is made to correlate classroom instruction with business experience. Pupils are paid for the time that they work in industry, from \$10 to \$20 a week, according to the grade of work done. Many of them receive occasional bonuses and commissions.

Not only does the school provide an opportunity for pupils to enter from elementary schools, but it also encourages graduates of the one-year commercial course in other high schools, and graduates of Junior high schools, to continue their education on the co-operative plan. In addition, an effort is made to reach all pupils who are in financial difficulties.

C. F. W.

III

THE PRESENT TREND OF HIGH SCHOOL TEACHING

There is apparently little doubt that secondary education is on the verge of a radical readjustment. 'Almost every department is under fire and compelled to defend not only its position, but even its existence. Since the trend as a whole is simply a continuation of an educational reform inaugurated by our Colonial ancestors, it seems worth while to review briefly the foundation of secondary education in America before discussing specific tendencies.

COLONIAL LATIN GRAMMAR SCHOOLS

The same democratic spirit which declared that all men are created free and equal was manifested in the early establishment in the American colonies of common schools for all the children of the community. In 1633 the first Dutch schoolmaster arrived at Manhattan and the first school tax of four pounds was levied and collected. In 1635 the town of Boston, having arrived at the school age of five years, employed a public schoolmaster, Philemon Pormort, "for the teaching and nurturing of children with us," and opened the Boston Latin School, which is now in its two hundred and eighty-sixth year of successful work. In 1647 the colony of Massachusetts ordered that "every township...of fifty householders shall appoint one within their towne to teach all such children as shall resort to him to write and reade, whose wages shall be paid either by the parents or masters of such children, or by the inhabitants in general. . . and it is further ordered that where any towne shall increase to the number of one hundred families or householders, they shall set up a gramer schoole, the master thereof being able to instruct youth so farr as they may be fited for the university:."

Similar grammar schools, whose function was to teach sufficient Latin, Greek, and religion for admission to Harvard and other colleges, were maintained in other colonies, and represent the beginning of secondary education in America.

THE PRIVATE ACADEMY

Being preparatory solely for a college course leading to the ministry or other learned professions, the Latin Grammar School was never popular, and the demand for a more liberal education soon led to the opening of many private academies animated by a broader, freer spirit more in accord with the ideals of the developing American democracy. The first academy was started in Philadelphia in 1751 along lines formulated by Benjamin Franklin, and later developed into the University of Pennsylvania. The academy was the forerunner in the development of the idea of practical secondary education for all classes, and spread so rapidly that by 1830 there were more than 500 academies, chiefly in New England, New York and Pennsylvania.

FREE PUBLIC SCHOOL SYSTEMS

The success of the private academy along non-classical lines, and the willingness of a large part of the people to pay for such instruction, seems to have suggested the establishment of the complete free public school system as an extension of the district schools. In 1784, within a few months after the treaty of peace between Great Britain and the United States had been signed, the State of New York adopted a constitution providing that "The legislature shall provide

for the maintenance and support of a system of free common schools wherein all the children of this state may be educated." In 1798 Connecticut passed a law providing for the establishment in any school district of a higher school combining the curricula of the grammar school and the academy. Before 1820 several states had passed laws providing what Huxley called "the great educational ladder with one end in the gutter and the other in the university," but the actual establishment of a complete system of free public schools was very slow and is not fully completed yet in many parts of the United States.

THE FIRST HIGH SCHOOLS

Boston was the first city to extend the public school system far enough to include the broad general training furnished by the private academies. In 1821 a school was established under the name of "The English Classical School," and later called "The English High School," offering a three-year course designed "to give a child an education that shall fit him for active life, and shall serve as a foundation for eminence in his profession, whether Mercantile or Mechanical."

The rest of the country soon endorsed the idea of a public school to prepare for life as well as for college, and after 1860 the growth of the high schools was phenomenal. They supplanted the academies, as the latter had superseded the grammar schools, because they satisfied a real need of democratic society. Most of the academies which survived became either private boarding schools or special college preparatory schools.

SECONDARY EDUCATION IN NEW YORK

One of the most peculiar and interesting phases of the trend of American secondary education is to be found in its development in the state of New York. The establishment in the state constitution in 1784 of the University of the State of New York, with its Board of Regents, presents in its full development "the most thoroughly organized state system of secondary education yet developed on American soil." Based on the conception of a university put forth by Diderot and other great French writers of the latter half of the eighteenth century, it makes provision for the unification and control of all primary, secondary and higher education within the state, excepting schools of a purely private character. Its growth has been conservative but steady, and has exerted a great influence on later state systems.

In 1847 the Board of Education of New York City requested the legislature to authorize the establishment of "a High School or College for the benefit of pupils who have been educated in the public schools of the city and county." The memorial presented stated that "one object of the proposed free institution is . . . to more completely popularize the common schools. It is believed that they will be regarded with additional favor and attended with increased satisfaction, when the pupils and their parents feel that the children who have received their primary education in these schools can be admitted to all the benefits and advantages furnished by the best endowed college in the state, without any expense whatever."

In 1849 a Free Academy, authorized by a special act of the state legislature and ratified by the vote of the people of the city, was opened in New York to receive pupils directly from the "academic departments" of the common schools, which corresponded to the high schools of other states. In 1886 the name of the Academy was

changed to "The College of the City of New York," but it still continued to admit pupils from the public schools, completing the "educational ladder" from the kindergarten to the college degree. In 1870 a similar school for girls was opened, called at first the Daily Female Normal and High School, later the Normal College, and now Hunter College.

THE SCOPE OF SECONDARY EDUCATION

In connection with the development of these secondary and higher schools the question arose as to the legitimate scope and extent of free public education, many contending that secondary and higher education is not a proper field for governmental agency. The legal question was settled in the Kalamazoo case in the Supreme Court of Michigan, where it was decided that "Neither in our state policy, in our constitution, nor in our laws do we find the primary school districts restricted in the branches of knowledge which their officers may cause to be taught, or the grade of instruction which may be given, if the voters consent in regular form to bear the expense and to raise the taxes for the purpose."

Although we are fully committed to the policy of free education in all grades, the question is still open and hotly contested as to what subjects, both required and optional, constitute a liberal education, and to what extent the capacity of the individual to assimilate instruction should determine the obligation of the state for his education. The general trend at present seems to be away from the old general course and toward an early differentiation into specialized courses leading to a definite occupation. Ideas as to the quantity, quality, and methods of purely cultural training in secondary education are still vague and undefined. There is a very distinct tendency, however, toward vocational guidance and limitations based on mental measurements or intelligence tests for the purpose of preventing the pupil from undertaking a line of work for which he is obviously unfit. A large part of the failures in high school can be eliminated by scientific mental diagnosis and prognosis before high school work is begun. The idea of one free public school system for all children alike is typically American, and was born and has grown up with our theory of democratic equality. It has the same fundamental weakness that has vitiated so many similar idealistic projects—the stubborn fact that no training, no equality of opportunity, no leveling of environment, no enrichment of advantages, can so far modify Nature's endowment as to make six-story minds where the Creator put but three.

We have learned the futility of forcing all types of mentality and temperament into one educational mold, and are readjusting our system to provide for each pupil the kind of training which will enable him to make the most effective development of "the gift which bounteous nature hath in him closed." Standardized tests and scientific mental measurements have shown us how widely and persistently children differ in capacity for education, and our greatest problem at present is to determine the kind of education necessary to fit each child for his proper place in life.

The practical spirit which prompted the change from the grammar school and academy is still operating on the high school curriculum and will probably bring about further changes in the same direction. What the general trend is in each subject is shown in the following special articles.

C. R. J.

AGRICULTURE; COMMUNITY CIVICS; GENERAL SCIENCE

Frank A. Rexford

Assigned to Assist in the Supervision of Agriculture, Community Civics and General Science

A department of *agriculture* is an integral part of the organization of a public high school. Such a department is found in the *Newtown High School*. Here are city boys studying agriculture as a part of their regular high school work.

For boys who elect this course in vocational agriculture provision is made for at least six months of directed or supervised practice in one of two ways:

- (a) Boys preparing to engage in agriculture as a vocation immediately on graduation from high school are placed on selected farms under supervision of the teacher of agriculture during the summer months each year.
- (b) For those boys who are taking the course as a preparation for entering a college of agriculture the "project method" is followed where each boy works out his own problems with his own plot of ground or animal project as the case may be with the aid and advice of the agricultural instructor.

Throughout the high schools the teachers of *civics* are studying government as a living organism. Emphasis is being placed on the spirit and functions of government rather than on its form. Civics has ceased to be a purely informational subject. Special attention is given to the activities of government and to the reciprocal obligations of government and the citizen. The boys and girls of the high schools are taught that they are citizens.

Every effort is put forth to create a spirit of co-operation in governmental affairs. We, the people, pay and it is our duty to participate. Is there waste? Someone is responsible and that someone is our representative.

If in our teaching of civics we do not develop fine ideals of American citizenship we are failing in our duty.

Some specific aims of the course as outlined in the syllabus are:

- (1) To train the pupil to observe more carefully and to understand more clearly organized government.
- (2) To enable the individual to think straight on civic problems.
- (3) To arouse an interest in our community affairs and instil an appreciation of the benefits accruing to the individual through community action.
- (4) To create in the pupil a desire not merely to reciprocate by fulfilling his obligation to the community, but to give ever the last full measure of devotion.
- (5) To inculcate American ideals.

General Science as the name implies, seeks to supply the first year high school student with such scientific knowledge as will be useful to him in his every day life, and, at the same time, form a basis for future intensive scientific study should he so elect.

The course has been in operation in fourteen high schools since September, 1918. A committee has been working on outlines and syllabi during the past two years. It is probable that the results of their work will be reported soon.

ART

James Parton Haney
Director of Art in High Schools

It is a mistaken idea to hold that art is the business only of the artist. As a matter of fact, the principles of art touch every individual and are used more or less consciously by all. The housewife has to decorate her home. She may use the principles of decoration well or ill, but use them she must, in the adornment of her house, in her clothes, and even in the flowers which she plants in her garden or hangs in her window boxes.

The business man cannot escape from the use of art's principles for a single day. If he would "dress" a shop window, get up a circular, design a letter-head, or arrange a newspaper advertisement, he must consciously or unconsciously use the rules which art has devised in design, color and arrangement.

Art, in other words, is not for "the few." It is for "the many," for the many have to use it. It is not held that the training of the high schools will produce artists, but it is held that it will raise the standards of taste throughout the community. Higher standards of taste mean advance along many lines. We cannot have a people with such standards without an effect on trade. People who know better things, demand better things. Thus the art teaching of the public schools has a practical relation to the business interests of the community.

Besides this, there is a civic value in art teaching. One cannot raise standards of taste without having that taste affect civic interests. The man or woman who strives to make his house better takes pride in having his town made better. Every civic "booster" knows that there is nothing which stimulates the interest and pride of citizens more than a consciousness of the growing beauty of the town in which they live.

The art teaching of our high schools is founded on the beliefs expressed above. Every device is used to cause the entire group of teachers to work as a unit, and every device is used to cause the individual to do independent thinking and contribute the result of such thinking to the good of the whole. What is sought is unity, not uniformity.

The general course of study aims to train taste in "the many," but dozens of specialized courses have been introduced to capture the talented. Competitions have been encouraged, scholarships multiplied, a score of outside organizations affiliated with the department, trade advisers have been brought in, and aesthetic standards in every school tried against the best work of the best teachers.

The service of the individual to the group has been made a test of efficiency, and every art teacher made to realize the duty of the group to aid in distant fields. New York City is a cynosure. Its work is known and studied by a hundred other cities. An unseen audience follows every success. The raising of local standards aids teachers in far distant schools and thus the members of our art department share a genuine responsibility. They are teachers of teachers, and teachers of a public extending far beyond their ken. I believe my associates keenly realize this responsibility, and that they perform this service with a constantly growing professional pride in its well-doing.

BIOLOGY

George C. Wood
Commercial High School

The question of the teaching of biology for its own sake has been settled as far as secondary education is concerned. In spite of this, many reasons formerly given for the presentation of biological facts and principles from the standpoint of their scientific and disciplinary values are still valid and ever will be so long as science is recognized as fundamental to world progress. In fact, there are at the present moment broader grounds for insisting upon accuracy of observation and greater powers of generalization than at any former time. The complex life of to-day with its attendant dangers demands a proper understanding of life principles and processes because of their obvious bearing upon individual well-being and efficiency and their powerful influence upon the outlook of the individual, as developed and changed from day to day in his contact with other individuals in the community. From this standpoint, biology takes first rank with any and all subjects either as to content or methods of presentation.

The thorough-going teacher of biology knows that the scientific value of biology is of a high order. He or she also knows that new individual and community problems of a biological nature are justly claiming our attention. Biology had addressed itself to the solving of those problems in terms of the education of the individual.

Evolution, the now stalwart offspring of biological investigation, has profoundly influenced every line of institutional growth and miracles have been wrought through a proper understanding and application of its underlying principle to every activity of life. And it is no less a remarkable fact that the parent itself has through the work of its intelligent advocates, adapted itself to the work of actually solving these ever-pressing problems of individual and public health and well-being. To-day, biology stands as a broad, efficient and modern humanizing subject and the essence of its teachings is service to the individual and service by the individual to the welfare of the community and the state.

For this reason biology is fundamental to all human endeavors because it is a study of Life and Life Relations. Without life there can be no activity and no purpose. Without wholesome and complete life conditions there can be no steady progress or complete achievement, either for the individual or the race. Grant that the physiological well-being of the individual is all important (and there are few who do not accept this at present) it follows that all progress in Applied science, art, literature, industry, education, government, religion and in the home must be fundamentally related to the principles of applied biology.

For this very reason, there has been a marked change in the content and methods of presentation of biology during the last dozen years. Through this change, some have claimed that the subject has lost something of its value as a science. If this be granted, it is, however, undeniably true that it has immeasurably gained as a practical alleviator of physical ills, and a messenger of happiness and well-being. It has entered every home through a multitude of avenues little suspected by the average citizen. Government—federal, state and city—all contribute in a general insistence upon better living conditions. Corporations have assumed responsibility for the health and efficiency of their employes and philanthropic organizations the

country over are competing for a chance to do big things to aid the public school in its noble work of increasing human happiness through a proper understanding and practice of the simple laws of hygiene and health.

All these authoritative and philanthropic and industrial influences are being made effective by the personal and persuasive influence of the teacher of biology who encourages the youth of the country by proper precepts and example to begin life as a healthy animal and to function later as a useful citizen. The keynote of biology to-day is the conservation of the individual and of the Race through a practical knowledge of biological principles put to use in the home and in the community. Biology has become an applied science in every valid sense of the term.

BUSINESS SUBJECTS

Albert G. Belding

Assigned to Assist in the Supervision of Commercial Subjects.

While the question as to what constitutes the best training for business has been a subject of much discussion and controversy, the trend has been constantly in the direction of definite vocational curricula for commercial students. Not only have there been important modifications of academic subject matter, but there has been a gradual shift in the construction of commercial courses of the academic element from the required to the elective group of subjects, and in some notable instances the academic subjects have been almost entirely eliminated. The one-year course, which was authorized for commercial students in 1918, is intended primarily to meet the needs of pupils who remain in school only a short time. And while it contains none of the traditional subjects, except English, we have the testimony of at least one of the largest commercial high schools that this course "offers a thoroughly satisfactory foundation upon which the later years of a four-year course can be built."

The high schools offering commercial courses are also beginning to recognize not only the diverse aims and aptitudes of students, but also the great variety of occupations which will engage these students in the future. We have as a result in a number of schools a much wider range of subject matter from which students may elect one related group of subjects as a preparation for some definite vocation. Apart from the usual requirements in English and social science, this plan enables students to confine their efforts to correlated subject matter, such, for example, as accounting, commercial mathematics, economics, and law, as an adequate preparation for counting-room work; stenography and typewriting, vocational English, office organization and practice, as a foundation for secretarial duties; a modern language, economic history and geography, and related business procedure, to prepare for foreign trade positions. Special groups are also offered as a training for wholesale and retail selling, banking, transportation, and other business activities. While this program offers a curriculum of wider scope as a preparation for the manifold activities of business life, it also insures more intensive and thorough work within such fields of endeavor as the abilities of students permit.

Another important experiment in vocational training has culminated in the part-time or co-operative high school. What has been done successfully in industrial and engineering schools is being attempted in the New York commercial high schools. Alternate periods of study

and office practice hold pupils longer in school; make them more studious, resourceful and self-reliant; give them an earlier start in business than they would otherwise obtain, and insure more rapid promotion. It is hoped also that this type of school will collect and organize material for instruction purposes and provide the means whereby commercial teachers may make a first hand study of the things which they are supposed to teach; that it will study apprenticeships and promotions in business to better inform our high schools of vocational opportunities for commercial students.

ENGLISH.

Ellen E. Garrigues

DeWitt Clinton High School

The tendency in the teaching of English during the last ten years has been markedly towards teaching the child rather than the subject. Possibly the pendulum has swung as far as it should in this direction. We must seek a golden mean. Those constructing curricula must beware of so restricting them that they cannot be adapted to the needs of each actual child or group of children to be taught. However, at least a minimum of attainment of suitable subject matter should be required in each grade and is being established by many schools.

The teaching of the vernacular in any country is based on the two broad ends of teaching: first, ease in acquiring the ideas of others and second, facility in expressing one's own ideas. These two aims again divide themselves. Both the power to assimilate and the power to express may be acquired either for their practical or their cultural value. We may read to gain information or to appreciate beauty. We may wish to express ourselves in speech or writing for purely vocational or for more social or artistic purposes. We may aim to speak and write correctly, or to become orators, actors, or authors.

A complete course in English might include the most advanced of these aims. But time and abilities are limited. A generation ago, colleges and high schools left the practical aims of teaching English to the home, to elementary schools, and to experience. Secondary schools in our large cities can no longer assume so much. The numbers who do not speak English in their homes and the numbers forced into high school by the advancing of the compulsory school age, have compelled an adaptation of material to very practical needs.

Elocution has become first, oral English, and latterly, speech improvement. It is more important to the race and to the individual that the vocal organs should be properly trained and used than that children should recite pieces or even give glib orations. Formal grammar is taught only as the basis of a strenuous fight against vulgarisms, provincialisms, and inaccuracy in speech and writing. In literature, a wider range of reading both for class-room study and as supplementary to it, has taken the place of the few uniform classics prescribed by the colleges as a basis for their cultural teaching. The aims in study and reading are to fill up the time a pupil has for reading with something good and interesting in order to keep him from poorer reading, to widen his vocabulary, to help him to use books with ease, to furnish models for writing and finally to enable him to acquire a fair adult taste and capacity for good reading. In the writing of compositions the aims are, first, a clear concept of the idea or picture to be expressed; second, a good arrangement of the

material, and last, a natural and correct expression. Rhetorics have given place to books of composition, which include practical lessons in spelling, grammar, punctuation, and paragraph structure. The teaching of figures of speech, loose, periodic, and balanced sentences as ends in themselves has been superseded by attempts to suit expression to clear and vivid thinking.

It is desirable, perhaps, that the main business of an English high school course should confine itself to correct speech, clear writing and a good taste in literature. But for the very brilliant, there should be courses which will carry them farther afield in the history of literature, in the study of special subjects such as drama, journalism, writing of stories, writing and delivery of speeches. In the upper classes, therefore, variation and differentiation are desirable and should be based on abilities and tastes of pupils.

HISTORY AND CIVICS.

Alfred C. Bryan

High School of Commerce

The re-estimation of values in education which has been in process now for about ten years has brought about perhaps the most striking changes in the social sciences. In the first place, the social sciences as a group have for the first time attained a place of real recognition in the curriculum of the secondary school. The meagre attention given to history in the old days looks weak indeed in comparison with our strong present-day program in History and Government, Community and Vocational Civics, Economic Geography and Economics, theoretical and applied. The importance of sound citizenship in civilized life has become so emphasized that we may perhaps say without much dissent that the social group of studies is assuming the strongest position in most schools, next to the English language.

The same criterion—the search for the highest social values—explains also the changes in material and method which have occurred recently in the sub-divisions of the social science group.

The historical point of view in History and Government has given place to the social. The present aim is to give the pupil the strongest grasp possible of the world in which he plays his part, rather than to unfold to him the development of civilization. Much of the story of man remains untold to the secondary school pupil, but a choice between knowledge of earlier times and the present was necessary. By the same decision our attention becomes fixed upon the modern period of history and the emphasis falls upon the most recent period, the present.

The rapid expansion of international relationships in recent years, not only in politics but in commerce, religious and social matters and in all manner of human interests, has broadened the horizon of the individual and made us citizens of the world. Our participation in the World War has brought a realization that we no longer live apart from other peoples and that their concerns are ours as well. Every pupil is therefore taught the broader movements of world history, as well as the development of our own country.

Along with this expansion of the field of secondary school history has come a much clearer conception of the relative values of the various phases of history. Inasmuch as all lines of human activity assume a political complexion at one time or another, political his-

tory will always absorb a large part of our attention, yet in the more progressive schools commerce, industry, social, intellectual and humanitarian interests are dividing the field more and more insistently.

The transformation in the teaching of civics has been very similar to that in history and it is accounted for by the same general considerations. The old informational work with its emphasis upon the machinery or functions of government, taught too frequently as catalogues of offices and activities, has given way under the spur of national danger to something more vital and human. The approach is now rather from the standpoint of the part of the citizen in civic life. Our effort now is to develop in the pupil a realization of present citizenship and of the obligations and opportunities of today. Through training in habits of service and co-operation the pupil is led into knowledge of the great objects of community life, into appreciation of official and private service and into some insight into sound political principles and the methods of their application.

Perhaps nothing has contributed more to the enlivening of the work in history and civics than the constant touch with actual civic interests which many teachers have obtained through the frequent use in class of the newspaper and magazine. Most of the principles and institutions which we study are alive today in some form and they may be much more realistically studied as matters of present-day civic action or discussion than as a heritage from the past. We may study the method of electing the President as a part of the Constitution or we may study how we are electing a President today.

The situation in the whole field of social science in the secondary school is one of transition. The secondary school is working out its own curriculum in much greater independence than formerly, and a more valuable body of material for its purpose is rapidly being evolved.

HOME ECONOMICS

Meriel W. Willard and Florence Willard
Washington Irving High School

Home Economics should be made a large factor in the liberal education of young women. It includes instruction and training in the occupations of the home. It is designed to promote higher standards of appreciation and to develop right conceptions of the importance of the home and to show wherein the arts and sciences have practical application in domestic life. The city home is no longer a work shop where the young girl may serve as an apprentice. The High School therefore has assumed this training and organized such courses as will give technical home training and at the same time make for mental development and physical health.

In order to live healthfully, a girl should know how to select, prepare and use proper clothing and food. A large part of her income is spent for food and clothing, and a girl should have definite training along these lines. In the Home Economics courses in the High School a girl learns the kind of food necessary to meet the body needs, the minimum cost of such food, and the selection and preparation of it. It is not the aim to develop a special technique in housekeeping, but to develop appreciation and insight into the problems of home making. Girls of today need to have a sane attitude of mind towards their responsibilities in and outside of the home both as producers and as consumers.

In the work in clothing, girls are given a survey of the living conditions of our city. As consumers the women of today must know and appreciate their influence on the great textile and clothing industries. They should know the laws that govern these industries in which so many women gain their livelihood. Important foundations are laid for better tastes, appreciations and higher standards. It is most interesting to watch the development of High School girls along the lines of good taste and fitness to purpose expressed in the gowns which they wear. The dresses and hats may be those made in school or the ones they may purchase in some shop. Simplicity of line and color combinations become part of their concept before they are aware of it. They become examples to their families and create an influence which extends further than they can ever know.

In the *Washington Irving High School* there are courses not only for the vocational training for the future home maker, but trade courses in cooking; cafeteria and lunch room management; costume design; dressmaking and millinery. New York City is the center of the clothing trades. Wonderful opportunities are open to the skilled worker who can design and construct clothing. There are many girls of ability and talent who are eager for these lines of training.

LATIN

Clyde R. Jeffords
Newtown High School

One of the most radical and far-reaching changes in the high school curriculum was the simplification of the Latin syllabus by the removal of mere technicalities from the first year work and the introduction of a large amount of analysis and study of English words derived from Latin. The revision of the ancient language syllabus of the State of New York in 1917, in which the Latin teachers of the New York City high schools played a large part, makes training in English grammar and diction the prime purpose and justification of the study of Latin in secondary schools, as suggested in the following statement in the introduction: "The fact is beyond question that by far the larger proportion of young people who take up the study of Latin do so because of their belief in its value as an instrument of general education and as a most valuable means toward acquiring a better command of the English language. The syllabus is designed to meet the needs of these people."

This point of view is still further emphasized by the report of the committee on the Junior High School Syllabus in Latin (June, 1920) which states that (1) "Latin should not be studied as an end in itself," and that (2) "the work of any term should be determined not by the needs of those who will continue the work through the following year, but by the needs of those who will not go beyond the work of that term."

This is brought about by the elimination from the required vocabulary of practically all words that have no common English derivatives, by parallel presentation of Latin and English grammar and word formation, by the use of text for translation that has a maximum of historical content, and a minimum of grammatical technicality, and by examinations which compel training for power rather

than memoriter cramming. By these means the study of Latin is put on a basis as broad and general in its application as the study of English grammar and composition, and is given a practical value for every student who needs complete training in English.

A revision of the Latin syllabus for Junior High Schools, including the work of the first year in high school, is now being made, and will probably put still more emphasis on the practical application of Latin study to training in the vernacular. The work in Latin in secondary schools must eventually be divided into two distinct phases, (1) an integrating course for the purpose of teaching thoroughly the elements of vocabulary and syntax common to both Latin and English, and (2) a differentiating course designed to furnish a classical background and the fluency and accuracy in oral English which is so necessary today for successful leadership. The first course will be primarily for the great majority who study Latin solely for the superlative training it affords in fundamental grammatical concepts; the second course will be for the smaller select group for whom classical training was originally designed and among whom it has always been conspicuously successful. In this way it will be possible to offer to every pupil the practical side of Latin study, stripped of all technicalities, and to reserve the finer points and more difficult problems for prospective leaders for whom such training is almost indispensable.

MATHEMATICS

David H. Moskowitz
Boys' High School

The teaching of mathematics in secondary schools is no longer justified on the ground of formal discipline alone. It has in recent years been subjected to a most painstaking scientific investigation as a result of criticisms advanced both by its proponents and opponents. After much experimentation both the curriculum and the methodology have passed or are passing through transitional stages that are justified on two bases: (1) psychological principles; (2) social utility.

The content of the elementary courses in mathematics has been simplified by the elimination of extraneous material and material deemed to be beyond the intellectual capacity of young students because of inherent difficulties. On the other hand some of the more difficult concepts which are nevertheless of great importance in the scientific aspect of mathematics have been rendered more simple by new methods of approach and easier stages of development. Reference is here made to such subjects as complex numbers in algebra, and the theory of ratio and proportion and incommensurable magnitudes in geometry.

Emphasis is placed particularly on those topics which are thought to be able to function in the lives of the students. For example in algebra, while the formula and the graph had always formed part of the subject matter, new value is now attached to these subjects by reason of their utility and their interest. The formula is a widely used industrial instrument, and the appearance of the graph extensively in the public press attaches to this study a larger social value than it has heretofore occupied. In addition such new appraisal and reassignment of emphasis and values furnishes new material for applying the strictly mathematical instruments to the demands of modern society.

An attempt is likewise made to ease up the approach to demonstrative geometry by the introduction of prepaedeutic geometry and by the formulation of a larger number of assumptions which are really demonstrable theorems. The theory is that such an approach adds interest to the subject by removing the initial difficulties due to the novelty and rigor of a geometric demonstration.

In accordance with these ideas, therefore, only such subjects are to be emphasized that are justified by practical utility and by a necessity for further development of the subject matter. It is quite possible, however, to go too far in the path of elimination and simplification. Over-emphasis on the formula results in the study of algebra as an adjunct of the formula, and as a mere practise in arithmetic substitution and computation to a degree that limits the vitality of the algebraic instrument. Extensive work in "inductive" geometry may give the impression of a "snap"-course in geometric drawing and may rob demonstrative geometry both of valuable time and of its real substance. The extension of assumptions and the elimination of difficult material may mean the loss of some of the most powerful mathematical concepts. For example, large numbers of students of mathematics are entirely innocent of such important concepts as incommensurable magnitudes and geometric transformations. These concepts are important in the sense that they are mathematical substance and necessary for a correct appreciation of mathematics not only as a science but as an instrument. Should these be ruled out because they do not have immediate practical utility?

It is maintained that the line of demarcation between the practical and the theoretical or pure mathematics is not justified by the history of the science. Anything that tends to destroy the real substance of mathematics by a dilution of the life-blood cannot fail to weaken mathematics as an instrument and as a social utility. A subject which is so intimately bound up with the progress of civilization should be studied for its own sake. Mathematics is fully justified on the ground of its inherent intellectual and social values.

MECHANIC ARTS AND TECHNICAL SUBJECTS

Albert L. Colsten

Manual Training High School

The present aim of high school instruction in Mechanic Arts is radically different from that of a decade or more ago. The function of manual training for general culture which was in vogue in the high schools at an earlier period has been or is being taken over almost entirely by the elementary schools, thus leaving the high schools free to develop their courses along technical lines.

These courses present a serious vocational aim to the high school student and this new purpose has caused a decided change in the methods and material of instruction, in the nature of the projects, and in the general reaction of the pupils to the courses offered in Mechanic Arts.

An effort to more fully realize this vocational aim is resulting in a complete revision of the older syllabi not only in mechanic arts but also in such subjects as mathematics, physical science, language and drawing, in order to secure proper co-ordination of the various parts of the course of study.

Another logical result of such an aim is shown in the addition of entirely new subjects to the curriculum of secondary education. Industrial geography, including a study of the sources of the materials used in industry and in the school shops, is now given in the first year of high school. Applied Mechanics and Strength of Materials, special courses in chemistry and in electricity, field practice in surveying, and special drafting courses in architecture, structural design, etc., are now offered among the electives of the last two years of the high school course. These electives are grouped "vertically" so that the individual student may be given a consistent course of instruction which will help him to follow out his particular line of work.

At the *Manual Training High School* we have completed two years of our new technical course. Thus far we have seen the more serious attitude of the students reflected not only in the type and quality of the work turned out in the shops but also in the work of the allied subjects as well. Sufficient time is given to shop work to enable the pupils to grasp certain elements of quantity production—to work in groups under foremen and to turn out work which is of value not only for the training received in the making but also as equipment for the shops or other departments of the school. When working in a group on a construction each individual must do his part accurately according to the drawing in order that it may fit the parts made by others of the group. Team work and experience in planning for efficient production are considered as essential to the newer aim of instruction.

The organization of technical high school courses and the realization of specific vocational aims have been made easier by the more liberal attitude of the technical colleges during recent years. Many instructors realize that the stronger enthusiasm for training in mechanic arts comes at the high school rather than at the college age. Much of the high school shop work is now accepted for technical college preparation.

At present the boy who is not going to a higher institution need not feel the warping influence of the college upon his course of study—and the boy who eventually studies a technical profession in a university may defer his decision as to college entrance until the last two years of his course. This enables the technical high school to do fuller justice to that large number of students who never go to higher institutions. At the same time it is possible to give those who do go to the university a more practical experience upon which to build the higher theoretical training of the technical college.

The effect of the transition therefore from the older manual training courses to the newer technical courses in our high schools has been to give a fresh impetus to the teaching of mechanic arts. The change in the attitude of the pupils has already been noted. The teacher of shop work or of drawing had often found his subject an unrelated appendix to a group of academic studies and not infrequently considered as a time filler rather than a vital part of a complete plan of instruction. The time allotted to him was so meager that he found it hard to get results of much practical value.

In the newer technical courses the inspiration of the teacher of mechanic arts has increased ten-fold. He finds his subject a center of interest about which many of the other subjects are grouped. The more generous amount of time given to his work has made it possible to accomplish results that are worth while and the serious aim of the course has brought him a more earnest group of students.

MODERN LANGUAGES

Lawrence A. Wilkins

Director of Modern Languages in High Schools.

Now, more than ever before in our history, is a knowledge of foreign languages necessary to the citizens of the United States. Whether we seek it or not, our country at present maintains the leading position in the manufactures and commerce of the world. With the perfection of an efficient mercantile marine service, we shall become one of the leading nations in international commerce. Our contact with France during the recent war formed for us closer ties of community of interest and mutual appreciation than were ever known before. During the same period we rose to be the chief nation in traffic with South American countries. Commerce forms usually the first point of contact between nations.

What our future is to be in international affairs will be determined in large measure by our ability to get the point of view of the foreign country with which we shall have to deal. To secure a comprehension of that point of view, probably two things are of basic importance: first, a knowledge of the life and customs and of the culture that characterize these foreign nations; second, a knowledge of their languages on the part of a considerable body of our citizenry.

The two purposes are at the base of the study of modern languages in our high schools. The Syllabus of Minima in Modern Languages designated for guidance in this instruction, expresses the general aim, in part, as follows: "To effect that thorough mental discipline imparted by a study of grammar, idiom and syntax, and to so develop that ready and accurate facility of ear, tongue and eye, that, all combined, will make the present and future use of the language and progress therein both possible and certain. . . . We should so train a student that he may apply his knowledge of the language to any one end or to several ends with the self-confidence (conscious or unconscious) that he can easily grow up to any demands that may be made upon his knowledge of the language. In addition, we should inform him of the culture and spirit animating the foreign nation or nations using the language."

Teachers of modern foreign language realize keenly the importance of using the foreign language in conducting the work of the class from the first day of the course to the last. Oral practice is constantly employed, but solid grammatical training is not neglected.

The use of much so-called *realia* material is common. This and illustrative material, depicting the life and customs of France, Spain and Spanish America serve to "inform of the culture and spirit animating the foreign nation or nations using the language." A traveling exhibit of such material has supplied much inspiration and information. Lectures in Spanish, French and English on these countries are given in the schools with the aid of slides and films, a large number of which are available for use gratis. Many opportunities are presented in this cosmopolitan city for the use of French and Spanish and for hearing those languages in lectures and plays. Spanish and French daily and weekly publications are used in class room and supplementary work.

Some of our schools place easily in commercial positions those graduates who have done good work in a three or four-year course in French or Spanish. This is particularly true, of course, of the commercial high schools.

But our aim is not merely to train boys and girls for commercial positions in which they may use their foreign languages. We hope above all to widen the cultural and spiritual horizon of these young people by means of this contact at first hand with the languages of other nations.

MUSIC

George H. Gartlan
Director of Music

For many years music in high schools suffered because emphasis was laid on the technical side, rather than on the side of appreciation. It is difficult to understand the technique of this subject until an artistic and emotional background has been created. The approach to the subject of appreciation naturally comes through the singing and hearing of artistic songs. Therefore, emphasis is laid on singing. Through this means we develop an appreciation for the beautiful.

In past years about all the high school pupils could get in the way of music was community singing, and a slight knowledge of the history and appreciation of the subject. Today it is possible for a student in New York to receive through the State Board of Regents, a music diploma. This means that he may graduate from high school with music as a major subject. It is also possible for talented pupils to receive class instruction in voice training and instrumental practice. In addition a pupil may receive credit toward his graduation for applied music. A system has recently been worked out by the Board of Regents whereby any pupil who studies piano, violin, voice, organ or any orchestral instrument outside of the regular instruction provided during school hours may, upon certification of his teacher and examination by the high school authorities, receive credit for this intensive study.

In place of general community singing we are now organizing selective choruses for each of the four years of an academic course. Colleges and universities are now willing to recognize music as an entrance requirement.

At a recent meeting of the Music Council of the New York State Teachers' Association, a resolution was adopted approving a course in the appreciation of music as a required high school subject, and this resolution was forwarded to the Music Council of the State Board. This move marks a great step in advance for the subject in secondary education. The previous arrangements were as follows:

- First year: Rudiments of music.
- Second year: Dictation and melody writing.
- Third year: Elementary harmony.
- Fourth year: History and appreciation of music.

For a student to qualify for credit toward graduation or to receive a music diploma it was necessary for him to take all of the above courses in the order in which they were presented, regardless of any beneficial effect which they might or might not have on his training as a musician. A great many pupils took the first course; a few took the second; and those who took the third and fourth were so far in the minority as to be hardly worthy of mention. When the above suggestions are officially adopted it will mean that the great majority of high school pupils will have received during their secondary education not only a proper understanding of what constitutes real music, but it will be a well defined preparation for their cultural development.

It has been possible to properly articulate the development of music in secondary education with what is going on in the outside world of music. In New York City 1500 students who played in the various high school orchestras practised under the direction of their individual leaders the following program:

1. Overture: Raymond *Thomas*
2. Symphony: Unfinished *Schubert*
3. String Ensemble: Andante Cantabile *Tschaikowski*
4. Triumphal Scene: Aida *Verdi*

When they had accomplished their study, the New York Symphony Orchestra, under the direction of Dr. Walter Damrosch, played this program for these students, thereby making it possible for the high school pupil to form a criterion of correct judgment as to what constitutes a perfect orchestral ensemble. This is the type of "model lesson" which makes education worth while.

PHYSICAL SCIENCE.

Raymond B. Brownlee and Robert W. Fuller,
Stuyvesant High School

The outstanding feature of Chemistry teaching in recent years has been the introduction of the subject into the third or fourth term of the school, instead of postponing it until the last year. In DeWitt Clinton and Stuyvesant High Schools, this procedure has been in successful operation for years, and other schools also have found it desirable to introduce Chemistry early. This makes it possible to lay the foundation for advanced courses in Chemistry as well as to prepare for correlated subjects, like Home Economics.

In addition to the conventional systematic general Chemistry, an increasing number of schools have developed courses dealing with the chemistry of common life. In the systematic courses themselves, greater emphasis is being placed on practical applications. A number of the larger high schools give advanced elective courses in chemical analysis and chemical technology, and a gratifying number of pupils elect these courses.

Experience has taught that the placing of Chemistry before Physics entails less repetition than the reverse order. It has been found, for example, that previous chemical training is of more aid in the comprehension of voltaic cells and the chemical effects of the electric current than the previous knowledge of the gas laws is in chemical calculations.

In schools where a diminution in the number of students in Physics followed when the subject had been made elective, this diminution has been in considerable degree proportional to the adherence to the presentation of the subject as a rigid body of discipline, rather than as a living interpretation of the facts of nature and life. The reduction in the number of required topics for Regents examination, brought about largely by the influence of New York teachers, has made possible an enrichment of the Physics course by means of well-planned and well-executed demonstrations and by the study of a wider range of practical applications. In the technical high schools, the work in Physics is flourishing, and there is a considerable amount of advanced elective work being done, particularly in the applied phases of the subject. There is every reason to expect a return of Physics to its previous prestige, because of the large number of points at which it touches modern life. This return will be largely conditioned on securing teachers who can make the first Physics course a live subject.

PHYSICAL TRAINING

A. K. Aldinger, M. D.

Director of Physical Training

The examination of men for the National Army disclosed facts that have served to stimulate an interest in a broad outlook for the teacher of Physical Training. Thirty-four per cent. of the men examined were found physically unfit for military service. Many of these were rejected on account of physical defects. A large proportion were also lacking in strength, endurance and general organic vigor. The authorities recognized this need for more time to be given to physical education throughout the State, and, as a consequence, the Welsh Law was enacted.

Prior to the enactment of the Welsh Law, two 40-minute periods of Physical Training per week were scheduled, in which to teach Physical Training activities (including formal gymnastics, games, athletics, dancing, etc.), to make physical examinations, give floor talks on hygienic habits, follow up physical defects, hold term practical examinations, etc. It was impossible to carry out this program completely in the time allowed.

The Welsh Law calls for one 40-minute period per day for Physical Training, or 200 minutes per week. With a program of this kind, it is possible to hold the Physical Training Department responsible for results.

Notable work in health inspection and follow-up has been accomplished by the various High Schools during the past two years, in addition to the regular Physical Training program. The Girls' High School, Washington Irving, Julia Richman, Bushwick, Erasmus Hall, Eastern District, Bay Ridge, Newtown, Morris, De Witt Clinton, Stuyvesant, High School of Commerce, Theodore Roosevelt, George Washington, and others, have made definite drives for the discovery and correction of physical defects, and the establishment of health habits.

Notwithstanding the limitations of the physical equipment and play space, the tendency has been to reach out and expand, correlating all the forces for the promotion of hygiene, so that our students today may receive the best physical training possible, under existing conditions.

It would be a grave mistake to reduce the time now devoted to Physical Training, by repealing the Welsh Law. It is true that some of the older schools cannot carry out its provisions entirely, but the results that are obtained in schools which are able to give full time, amply justify the time that is required by law.

New York City is becoming more and more congested; playgrounds, gymnasiums, play space and areas for recreation, are becoming more and more congested. Plans should be made for expansion, by including adequate gymnasium facilities in the new school buildings.

The teachers of Physical Training in our High Schools are ready and willing to carry out the best possible program of Physical Education, and I reiterate that the time and equipment should not be curtailed, if the High Schools are to be held responsible for the correction of physical defects, the teaching of hygiene habits, and the development of a vigorous and sound body.

IV

APPOINTMENT AND PROMOTION OF HIGH SCHOOL TEACHERS

Principals and teachers are appointed for service in the high schools of New York City by the Board of Education upon nomination by the Board of Superintendents. High school principals are selected from a number of candidates who make application and who submit evidence of qualifications for the particular school in view. Teachers of the several ranks are appointed from eligible lists, which are prepared by the Board of Examiners, for each subject or group of subjects taught. Separate lists are prepared of men and women, and each person nominated must be among the first three names available on the list. A temporary license, valid for three years, is issued by the Superintendent of Schools to all persons whose names have been placed upon an eligible list. Licenses that have expired because of non-appointment may be renewed for another three years, and names of persons whose licenses have been renewed are replaced upon the eligible lists. One eligible list must be exhausted before nominations are made from a list of subsequent date.

The positions or salary grades in high schools for which licenses are issued by the Examiners are: (1) Principal; (2) First Assistant Teacher; (3) Assistant Teacher; (4) Clerical Assistant; (5) Laboratory Assistant; (6) Library Assistant; (7) Placement and Investigation Assistant; (8) Substitute Teacher; (9) Teacher in Training. All applicants must be citizens, and an oath of allegiance to the constitution of the United States, and to the constitution of the State of New York, is required of all. With certain exceptions in favor of persons who have taught in elementary schools, or who have served as substitutes, applicants must be not less than twenty-one and not over forty-one years of age.

Principals are invariably selected from First Assistant teachers, or Assistant Teachers, in the high schools, or from principals of elementary schools. First Assistant teachers with few exceptions have been selected from Assistant Teachers, and many Assistant teachers have been promoted from the ranks of clerical, laboratory, library or placement assistants in the high schools, or of teachers in the elementary schools.

High school principals and teachers are appointed for a probationary period of three years. At the end of the third year of successful service licenses are made permanent by vote of the Board of Education upon recommendation of the Board of Superintendents and the appointees continue to hold their respective positions during good behavior and efficient and competent service, and cannot be removed except for cause and after a hearing. The services of any person appointed may, however, be discontinued at any time during the probationary period by a majority vote of the Board of Education upon recommendation of the Board of Superintendents.

THE BOARD OF EXAMINERS AND ITS WORK

The Board of Examiners stands at the foundation of the unified school system, initiated by the charter of 1898 and made effective by the revised charter of 1901. The powers of the board have been far-reaching, and under its interpretation of the law it has exercised a large degree of initiative and firmness of policy. The original board consisted of four members who were appointed in 1898 upon nomination of the City Superintendent of Schools, from an eligible list prepared by the Municipal Civil Service Commission. Under the charter the City Superintendent of Schools was a member of the board, and

presided at its sessions, but under the city school law today the Board of Examiners is constituted of seven members, and the Superintendent is not a member.

The broad aim of the Board of Examiners has been to supply an adequate number of the best teachers procurable, to keep out of the system those who are unfit, to encourage self-improvement of teachers, to guide those institutions that prepare candidates for examinations, and in general to maintain a merit system of appointment to the best advantage of the schools.

The specified duties of the Examiners are:

- (1) To hold examinations whenever necessary;
- (2) To prepare all necessary eligible lists;
- (3) To grant salary allowances for experience in other schools than those of New York City, and
- (4) To perform such additional duties relating to examinations as the Board of Education may require.

In a recent hearing before a representative of the State Education Department Examiner James C. Byrnes described in outline the general method by which the Board does its work.

"Nearly 20,000 applicants come before the Board of Examiners yearly," Mr. Byrnes stated. "The number of subjects is very large. In the evening schools alone there are 110 different subjects. It is essential to the proper performance of its work that the Examiners employ assistants. Most papers are examined by them. In the Examinations for the more important licenses, and in those where the number of applicants is small, and also whenever it is possible, the members of the Board of Examiners personally examine the papers.

"Generally, however, papers are passed upon by the assistants. We use the horizontal plan of rating. That is, we give the first question to one assistant to rate, the second to the second, and so on. Each assistant receives written or oral instructions and usually the type answer given by the Examiner, who prepared the questions, and also a schedule of points with instructions as to their distribution. Their ratings are tabulated by the clerical staff.

"Notice is given all candidates who fail that they may file appeals upon certain days within a specified time limit. Forms of appeals are supplied. Appeals are sent to an Examiner other than the one who first passed upon the papers. The Board of Examiners, as far as the written examination is concerned, functions largely as an appeal board."

QUALIFICATIONS.

Candidates in order to be appointed to teaching positions in the high schools must be eligible under the by-laws of the Board of Education. The prescriptions as to eligibility apply to several classes of persons: (1) college graduate; (2) normal, training school, or professional school graduates; (3) persons with a prescribed amount of vocational experience (who intend to teach vocational subjects). In each of these classes certain additional qualifications, of education or of teaching experience, are required. The detailed qualifications for eligibility to each grade of position in the high schools, as prescribed in the most recent announcements of the Board of Examiners, are given below.

Since the qualifications for any given position involve much detail and are subject to change, prospective candidates should obtain from

the Board of Examiners the circular of information bearing upon any examination in question.

HOW AN EXAMINATION IS GIVEN

The determination of the position upon an eligible list of a candidate for a license to teach in the high schools is based upon four elements: record, knowledge of the subject, teaching ability and personality. The candidate's previous experience and accomplishment is described by the candidate upon an application form, and this information is supplemented by facts obtained from principals and superintendents who have supervised the candidate's work. Knowledge of subject is in part tested by a written examination, the papers being graded by special assistants employed for the purpose. A written examination in the science of education was required for many years, but at the present time this is omitted. Teaching ability is determined by means of a class-room test, in which the candidate is required to teach a lesson on an assigned topic, usually an advance lesson, a period of about forty minutes having been allowed the candidate for preliminary preparation with the aid of the text-book used by the pupils. Personality and general equipment are rated by means of an oral examination, which deals with the subject in which the license is sought and the methods of teaching the subject, and includes such tests in reading and explanation as may be needed to determine fitness. A medical examination is required of all candidates.

Answer papers are usually read by high school Principals, or First Assistant teachers, who serve for the purpose as assistant examiners; class-room tests are usually conducted by First Assistant Teachers; and oral tests are conducted by members of the Board of Examiners.

All answer papers that have received grades between ten points below passing, and from five to ten points above passing, are usually reviewed, and all doubtful cases are considered at a meeting of the board. All candidates who fail by less than ten points may file appeals with a specified time limit.

APPOINTMENT OF HIGH SCHOOL PRINCIPALS

No exactly standardized method for appointing high school principals has been adopted. In recent years prospective candidates have been invited to make written application to the Board of Superintendents, and to present their claims personally to the several members of the Board. Candidates for appointment to a high school already established have been invited to visit the institution in question to observe its class-room work, study its organization and curriculum, and make a written report, stating conclusions and offering recommendations for improvement in the school, or change in its aim, policies and practices. These written reports were filed for reference and for the guidance of the new principal when he shall have been appointed. Candidates whose applications were approved were invited to attend a meeting of the Board of Superintendents at which members of the Board of Education were present, and to address the members of both boards on topics selected from several relating to the high school in question. From among the candidates who appeared one was nominated by the Board of Superintendents for appointment to the principalship.

The Board of Examiners conducts a written and an oral examination for each person who has been nominated for appointment as principal. To be eligible for license as principal of high schools the applicant must have graduated from a college or university recognized by the Regents of the University of the State of New York, and must have had ten years' satisfactory experience in teaching or supervision, at least five of which must have been in secondary

schools, or in the position of superintendent or examiner in the City of New York. In the case of applicants who are serving as principals of elementary schools in the City of New York, two years' experience as principals of elementary schools may be accepted in lieu of two of the required five years of experience in teaching or supervision in secondary schools. Candidates for license as high school principal must be not less than twenty-five nor more than fifty years of age.

EXAMINATIONS FOR LICENSE AS FIRST ASSISTANT TEACHER

Examinations for license as First Assistant teacher in high schools have been held at intervals of from three to five years. The procedure adopted at the examination, and the academic and professional qualifications required have been detailed in circulars of information issued for each examination. Applicants who have been teaching in the high schools of the City of New York for ten years must be less than fifty-six years old; all other applicants must be more than twenty-five and less than fifty-one years old.

In the examination for First Assistant's license held May 24, 1918, there was a comprehensive paper, containing optional questions or topics, certain of which were required to be answered in extenso, in which opportunity was given the candidate to describe some investigation or research made in his own field. Certain of the questions related to recent thought, tendencies and developments in the field of the special subject covered by the license.

The scope of the paper included: the special subject selected, the application of the science of education to the teaching of the subject, the making of curricula, the organization and supervision and conduct of a high school department.

Candidates in the major academic subjects must have graduated from a college or university recognized by the Regents of the University of the State of New York, and must have completed one year of satisfactory post-graduate study (which may be concurrent with teaching experience), and must have taught successfully for a required length of time in secondary schools or colleges, or in the seventh, eighth or ninth grade of the elementary schools in the City of New York. Five years of successful teaching is required of candidates who have taught successfully for three years in New York City high schools; seven years of successful teaching is required of all other candidates.

Candidates in the other subjects—music and physical training, commercial branches and vocational and technical subjects—who are not college or university graduates, must have graduated from a satisfactory high school (or institution of equal or higher rank), and also from a course of professional training of at least two years in the special subject selected, must have completed additional courses of not less than 300 hours in the special subject, and must have had ten years of successful teaching experience in secondary schools in the special subject, or eight years of successful teaching of the subject in New York City high schools. Candidates with professional or trade experience in the subject for which a license is sought may offer such experience year for year in lieu of not more than four years' teaching experience. Study of medicine and experience in the practice of medicine may be offered within certain limits in lieu of experience in teaching by applicants for license in physical training.

The examination of May 24, 1918, included the following subjects:

Major Academic Subjects: Biological science, classical languages, economics, modern languages, physical science. The examination papers in science included questions on the social and practical or industrial applications of principles, and the contributions of noted scientists. Candidates in modern languages chose as

a major subject French or German or Spanish, and as a minor Italian, Spanish, French or German. Economics included the history of its scientific method, and the history of commerce and commercial geography. History included ancient, medieval and modern history, constitutional history, the science of government, practical civics, and the philosophy of history. Mathematics included tests of mathematical ability within the range of algebra, plane and solid geometry, and plane and spherical trigonometry. Candidates in physical science chose a major and a minor subject from the three subjects, physics, chemistry, physiography.

Other Academic Subjects: Fine arts, music, physical training. The examination in fine arts included drawings from life and still life with crayon and pencil, water color painting, mechanical drawing; history of art; design; color. The examination in music included personal performance both vocal and instrumental (piano and organ); methods; theory of music; conducting. Physical training included theory and practice; history of physical training, personal hygiene, school hygiene, athletics, gymnastics.

Vocational Subjects (commercial and technical): Accounting and commercial law, domestic art, domestic science, mechanic arts, stenography and typewriting. Accounting and commercial law included problems in accounting and auditing, commercial law and procedure, business practice, elementary economics. Stenography and typewriting included the Isaac Pitman and Gregg systems, one as a major, the other a minor. The major questions included theory and practice of stenography, a practical test in the system, English grammar, rhetoric, composition; typewriting; business correspondence and office procedure. The minor questions related only to the principles of the system. Candidates in domestic science and art were examined on important fields of the subjects, including vocational training and guidance in these subjects. Candidates in mechanic arts were examined in practical forge-work, machine shop, wood-working, pattern-making, moulding, mechanical drawing.

EXAMINATIONS FOR LICENSE AS ASSISTANT TEACHER

Examinations for license as Assistant Teacher of the several subjects in the high schools of the City of New York are held usually twice each year, in the spring and in the fall. Certain fundamental academic and professional qualifications are required of all candidates. Full information regarding each examination is detailed in a circular sent to all prospective candidates who apply for it.

Applicants for license to teach major academic subjects must have graduated from a college or university recognized by the Regents of the University of the State of New York, or from a normal or city training school approved by the State Commissioner of Education. In the case of teachers of modern languages the equivalent of a college education may be accepted.

College and university graduates must have had: (1) not less than 160 days of satisfactory teaching experience in secondary schools or colleges; or, (2) not less than 300 hours of post-graduate work in a recognized college or university, of which time at least 60 hours was devoted to methods of teaching the candidate's specialty; or (3) not less than 80 days of satisfactory experience in teaching in secondary schools, or in colleges, together with not less than 150 hours of satisfactory post-graduate work in a recognized college or university, including at least 60 hours in methods of teaching the subject; or (4) two years' experience in teaching in the grades of the last four years in the elementary schools of the City of New York, and not less than 150 hours of satisfactory university, college or post-graduate work in the candidate's specialty, including 60 hours in methods of teaching the subject. Candidates who have taught in secondary schools or colleges and who completed courses in methods of teaching in the senior years of the undergraduate course equivalent to 60 hours may have this experience accepted in lieu of 60 hours of post-graduate work.

Normal school and city training school graduates must present 5 years' satisfactory experience in teaching, including either one year

in the grades of the last two years of the public elementary schools of the City of New York, or two years of teaching in secondary schools other than public high schools of the City of New York; and the completion of not less than 150 hours of satisfactory college or university work in the candidate's specialty, including not less than 30 hours in the science of education.

Applicants for license to teach music and drawing, physical training, certain vocational subjects, commercial branches, stenography and typewriting, cooking, sewing, dressmaking or millinery, may qualify as provided for applicants in major academic subjects, or if not graduates of a college or university or a normal or training school they may be eligible if they have graduated from a high school course approved by the State Commissioner, and have graduated from a two years' professional course in the subject, and have had in addition four years' experience in class teaching in the subject; with the exception that applicants in physical training need have had only two years' experience in teaching the subject. An academic education equivalent to a high school course will be accepted in lieu of a graduation from a high school, and two years of business practice, or two years of post-graduate study may be accepted in lieu of two years of teaching.

Applicants for license to teach those vocational subjects that include the arts and sciences in their application to industries must have had a general education satisfactory to the Board of Examiners, and six years' practical experience in the subject to be taught.

Examinations for license as Assistant Teacher held during the past two years have included the following subjects: *Major academic subjects:* biology, chemistry, economics, elocution, English, French, history, Latin, mathematics, physics and Spanish. *Minor academic subjects:* freehand drawing, music, physical training. *Vocational-commercial:* accounting and business practice, merchandizing and salesmanship, stenography and typewriting. *Vocational—technical:* agriculture, architectural drawing, art metal-work, forge-work, foundry-work, instrument-making, joinery, machine-shop practice, mechanical drawing, millinery, power plant draughting, topographical drawing, wood-turning and pattern-making. The scope of the examination in each subject is detailed in the special circulars of information issued by the Board of Examiners at the time of the several examinations.

QUALIFICATIONS FOR LICENSE AS CLERICAL ASSISTANT, LABORATORY ASSISTANT, LIBRARY ASSISTANT, PLACEMENT AND INVESTIGATION ASSISTANT

Examinations for license in the grades lower than that of assistant teachers are held concurrently with those for the assistant teacher's license.

Candidates for license as Clerical Assistant must have graduated from a satisfactory high school or institution of equal or higher rank, and have had two years' satisfactory experience in office work subsequent to graduation; or must have graduated from a college or university recognized by the Regents of the University of the State of New York. Candidates for license as Laboratory Assistant must have had a satisfactory high school or equivalent academic education, and two years' satisfactory experience as substitute laboratory assistant; or must have had a satisfactory college or university education, and have completed satisfactory courses in physics and chemistry, or in biology, and in practical mechanics.

Candidates for license as Library Assistant must have graduated from a recognized college or university, and have completed a one year's course in an approved library school, or have had three years of

successful experience as head librarian or reference librarian of a library approved by the Board of Examiners; or, must have graduated from a satisfactory high school or equivalent institution, and completed a two years' course in an approved library school. One additional year of library experience may be accepted in lieu of the second year of professional training.

Candidates for license as Placement and Investigation Assistant must have had three years' satisfactory experience in placement and industrial work, together with a general education satisfactory to the Board of Examiners.

QUALIFICATIONS FOR LICENSE AS SUBSTITUTE TEACHER AND AS TEACHER IN TRAINING

To be eligible for license as substitute teacher in high schools the applicant must have graduated from a college or university recognized by the Regents; or in the case of applicants to teach certain subjects, graduation from a satisfactory high school or other institution, or a satisfactory amount of professional training, together with a certain amount of teaching experience, may be accepted in lieu of college graduation. Applicants to teach manual and commercial branches must have taught satisfactorily for two years; applicants to teach wood-work or metal-work must have had five years, successful experience in wood-work or metal-work as a journeyman wage-earner, or an equivalent thereof; applicants to teach drawing, music and physical training, sewing or cooking, must have had two years, satisfactory professional training in the special branch. Applicants to teach physical training, however, are qualified if they hold elementary license No. 1, and have completed a satisfactory course in physical training of at least 90 hours; or if they have had satisfactory teaching experience in physical training. To be eligible for license as substitute machine shop assistant the applicant must have had five years experience as a journeyman machinist, together with a satisfactory general education.

A teacher in training shall be a graduate from a college or university recognized by the Regents of the University of the State of New York, and shall have spent, during his last two years in college or during post-graduate work, or partly in one and partly in the other, at least 300 hours in studying the subjects comprised within one of the groups for which licenses are issued to Assistant Teachers in high schools. Such teachers in training shall be required to hold a license granted by the Board of Examiners, and such license may be issued upon the recommendations of the appropriate heads of departments or professors in the college from which the applicant has graduated, approved by the chief executive officer of the college, and upon such other investigation as the Board of Examiners may deem necessary.

C. F. W.

PROGRAM OF REGENTS EXAMINATIONS

January and June, 1921-25

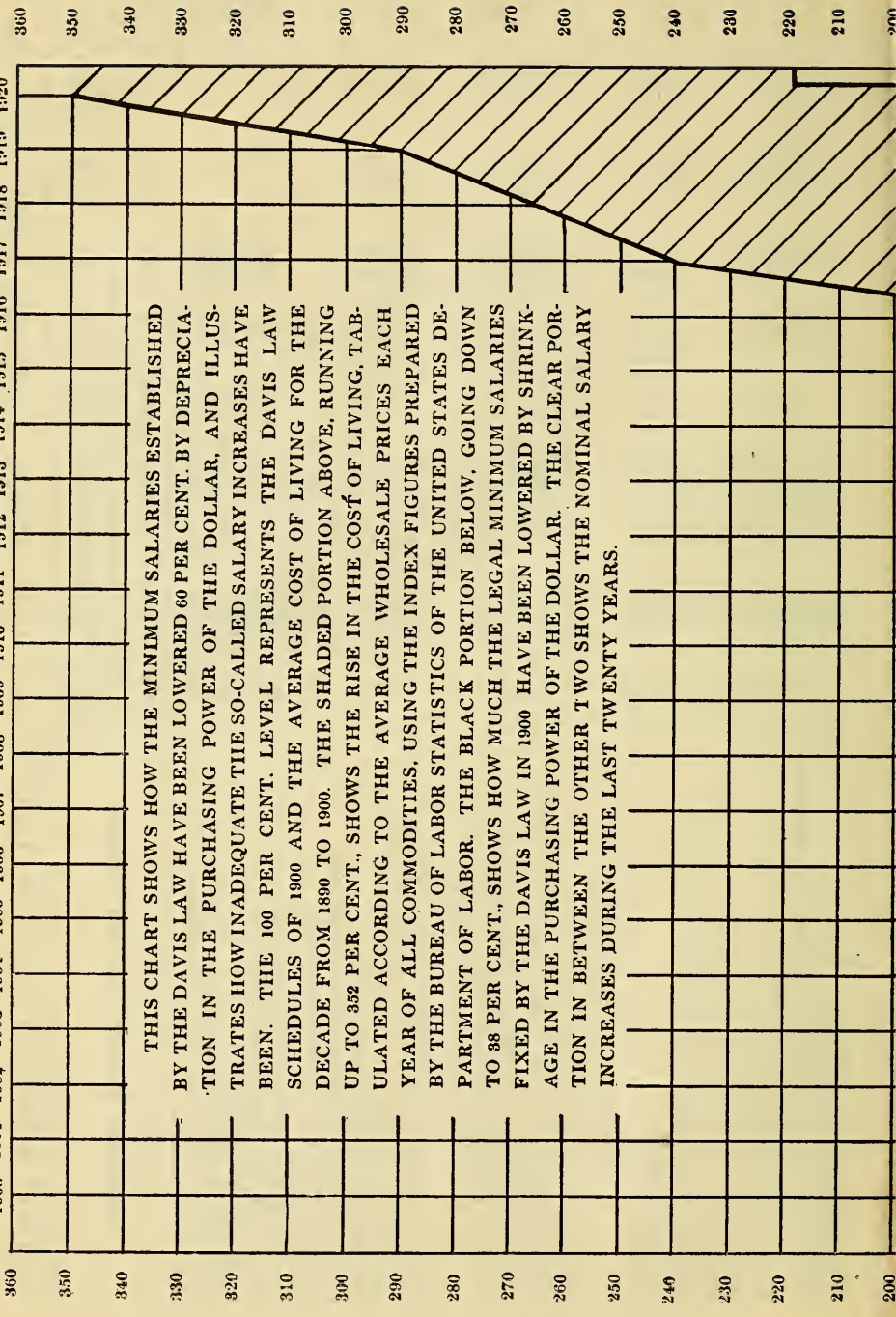
MONDAY 9.15 A. M.	TUESDAY 9.15 A. M.	WEDNESDAY 9.15 A. M.	THURSDAY 9.15 A. M.	FRIDAY 9.15 A. M.
Int. algebra Adv. algebra Solid geometry Shorthand 1 and 2 El. representation <i>b</i> El. harmony	Arithmetic Com'l arithmetic Spanish 2 English grammar Am. history with civics Major sequences in hist., Course C <i>b</i> Hist. of music and appreciation	Geography El. algebra Plane geometry Adv. botany Adv. zoology Bookkeeping 2 Psychology El. mech. drawing	El. botany El. zoology Phys. and hyg. Hist. Eng. lang. and literature Business English Physics Chemistry Applied chemistry Economics	Greek 1, 3 Greek 3 yrs. <i>a</i> Greek comp. Italian 2, 3 Ancient history in Minor sequence in hist., 1st year Phys. geography Commercial law Hist. of education
MONDAY 1.15 P. M.	TUESDAY 1.15 P. M.	WEDNESDAY 1.15 P. M.	THURSDAY 1.15 P. M.	FRIDAY 1.15 P. M.
Elem. English English 2, 3, 4 English 3 yrs. English 4 yrs.	Spelling Latin first 2 yrs. Latin 3, 4 Latin 3 yrs. Latin 4 yrs. <i>a</i> Latin grammar Spanish, 3, 4 Biology Bookkeeping 1 <i>b</i> Dict. and melody writing	El. U. S. hist. with civics <i>a</i> Latin prose comp. <i>a</i> Latin prose at sight <i>a</i> Latin verse at sight Mod. hist. 1, 2 Hist. G. B. and I. Major sequence in hist., Course A Major sequence in hist., Course B Trigonometry Typewriting Int. drawing	Civics French 2, 3, 4 Com'l geography Chorus singing and rud. of music	Greek 2 Hebrew 2 German 2, 3, 4 Business writing

a No counts assigned; given for candidates seeking admission to college; *b* June only.

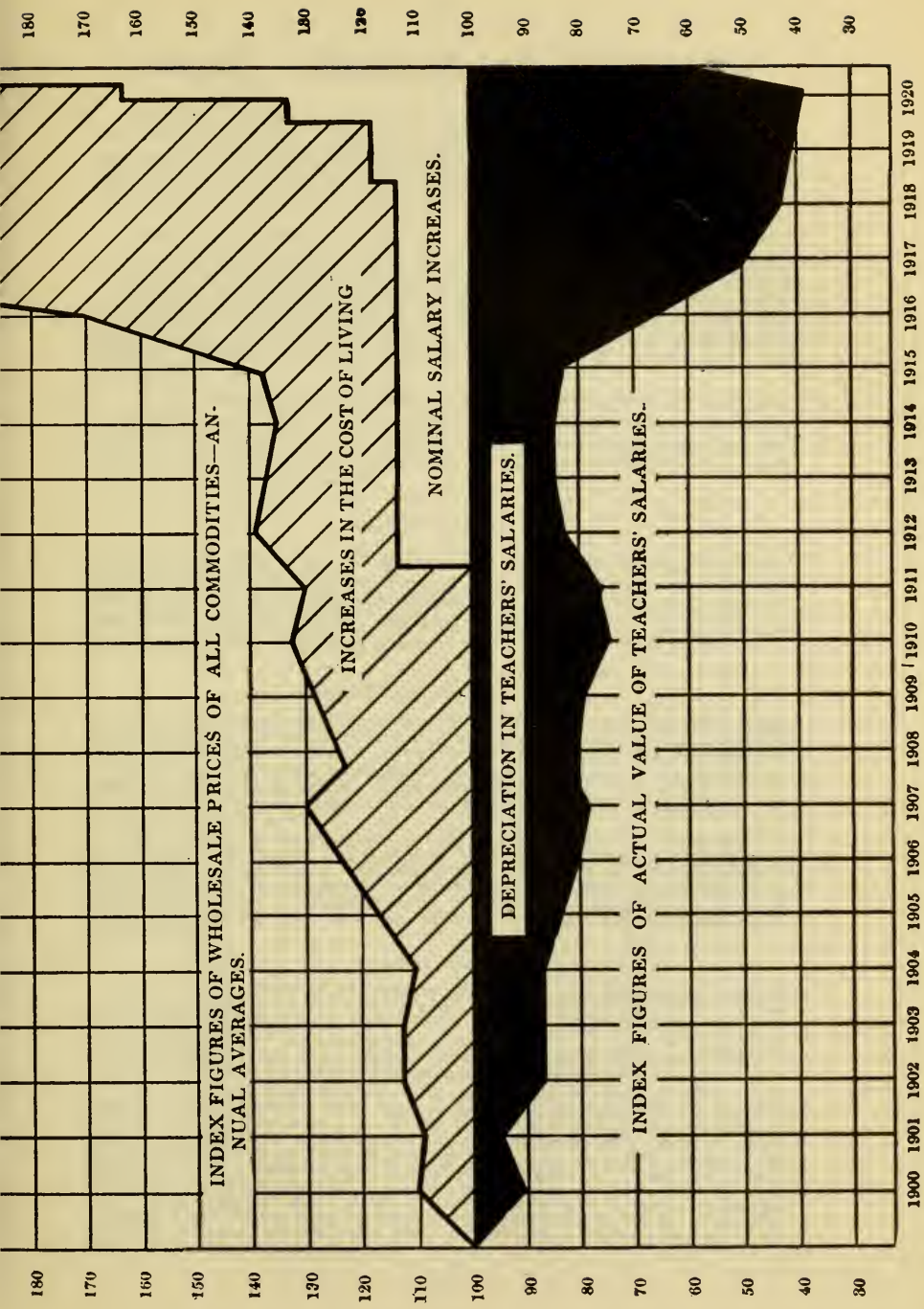
SALARY SCHEDULES OF NEW YORK CITY PUBLIC SCHOOL TEACHERS FROM 1900 to 1920

Elementary and Intermediate Schools	1920-Lockwood-Donohue				1912-Equal Pay			1900-Davis Law		
	Sched.	Min.	Inc.	Max.	Sched.	Min.	Max.	Sched.	Min.	Max.
Kindergarten to 6B, and Speech Improvement.....	Ia	1500	125	2875	B1	720	1500	III	600	1240
Kindergarten to 6B, Special Classes, and Senior Teacher.....	Ia1	1600	125	2975	B1x	820	1600	.....	.....	.....
7A and Higher Classes.....	Ib	1900	150	3250	B2	860	1820	IV	600	1320
7A and Higher Classes, Senior Teacher.....	Ib1	2000	150	3350	B4	1060	2260	Ila	1400	1600
Special Subjects, Ungraded Classes, Prnt'l., Prob., Deaf.....	Ic	1900	150	3250	L1-3	860	1920	XVI-XIX	900	1400
Teacher Clerk.....	Id	1200	100	1800	.....	\$4.50	.....	.....	\$3.00	.....
Teacher Clerk Assigned to Parental School.....	Ie	1560	130	2210	.....	\$4.50	.....	.....	\$3.00	.....
Clerical and Visiting Assistant in School for Deaf.....	If	1560	130	2600	.....	.....	.....	.....	.....	.....
Assistant Principal in Parental School.....	Ig	3400	100	3600	B3	2100	2400	Ila	1400	1600
Assistant to Principal.....	Ij	3400	100	3600	B3	2100	2400	Ila	1400	1600
Teacher in Charge of Truant and Probationary School.....	Ik	3700	100	3900	P3	900	1800	XXV	760	1600
Principal and Head of Model School, 18 Classes.....	Il	3750	250	4750	E2	2300	3500	Xa	2250	3000
High and Training Schools										
Assistant, Model and Critic Teacher.....	Ila	1900	150	3700	D1	900	2650	IXc	1100	1900
Teacher in Charge, or Administrative Assistant.....	Ila1	2405	180	4380	.....	1400	3150	.....	1600	2400
First Assistant.....	Ilb	3200	200	4200	D2	1650	3150	IXe	2000	2500
Clerical, Laboratory, Library, Placement and Invest'g. Asst..	Ilc	1400	100	2400	D3	900	1400	IXa	700	1000
Principal Having 25 or More Teachers.....	Ild	5500	500	6500	C1	5000	5000	VIII	5000	5000
Vocational and Trade Schools										
Principal.....	IIIa	4800	200	5200	R	3500	4000	.....	.....	.....
Teacher in Charge.....	IIIb	4200	120	4440	S1	1500	2500	XXXIb	1200	2190
Teacher of Vocational and Trade Subjects for Boys.....	IIIc	2145	180	3600	S1	1500	2500	XXXIb	1200	2190
Teacher of Trade Mathematics and Science for Boys.....	IIId	2535	180	3780	S1	1500	2500	XXXIb	1200	2190
Teacher Clerk Assigned to Vocational and Trade School.....	IIIf	1560	130	2210	.....	.....	.....	.....	.....	.....
Head of Trade Department, Girls' School.....	IIIf	2640	200	3840	S2	1600	2000	XXXI	900	1575
Department Vocational Teacher.....	IIIh	2100	180	3540	S3	1000	1500	XXXIa	900	1575
Teacher of Dressmaking, Millinery, etc.....	IIIj	2000	150	3350	S4	900	1100	XXXIa	900	1575
Teacher of Physical Training, Cook'g and Non-Vocational sub.	IIIk	2145	180	3600	B1	720	1500	XXXIa	900	1575
Placement and Investigation Assistant.....	IIIl	1820	130	2340	S5	1100	1400	XXXIa	900	1575
Clerical and Financial Assistant.....	IIIm	1560	130	2210	.....	\$4.50	.....	.....	.....	.....

1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920



THIS CHART SHOWS HOW THE MINIMUM SALARIES ESTABLISHED BY THE DAVIS LAW HAVE BEEN LOWERED 60 PER CENT. BY DEPRECIATION IN THE PURCHASING POWER OF THE DOLLAR, AND ILLUSTRATES HOW INADEQUATE THE SO-CALLED SALARY INCREASES HAVE BEEN. THE 100 PER CENT. LEVEL REPRESENTS THE DAVIS LAW SCHEDULES OF 1900 AND THE AVERAGE COST OF LIVING FOR THE DECADE FROM 1890 TO 1900. THE SHADED PORTION ABOVE, RUNNING UP TO 352 PER CENT., SHOWS THE RISE IN THE COST OF LIVING, TABULATED ACCORDING TO THE AVERAGE WHOLESALE PRICES EACH YEAR OF ALL COMMODITIES, USING THE INDEX FIGURES PREPARED BY THE BUREAU OF LABOR STATISTICS OF THE UNITED STATES DEPARTMENT OF LABOR. THE BLACK PORTION BELOW, GOING DOWN TO 38 PER CENT., SHOWS HOW MUCH THE LEGAL MINIMUM SALARIES FIXED BY THE DAVIS LAW IN 1900 HAVE BEEN LOWERED BY SHRINKAGE IN THE PURCHASING POWER OF THE DOLLAR. THE CLEAR PORTION IN BETWEEN THE OTHER TWO SHOWS THE NOMINAL SALARY INCREASES DURING THE LAST TWENTY YEARS.



V

SALARY SCHEDULES AND CONDITIONS

Under the present interpretation of the law, the basic control of the salaries of public school teachers in New York City rests with the state legislature, acting through the State Department of Education and the local Boards of Education, Estimate, and Aldermen, as indicated in the following sections of the law:

State Constitution, Article IX:

Sec. 1. The legislature shall provide for the maintenance and support of a system of free common schools, wherein all the children of this state may be educated.

Sec. 2. The corporation created in the year one thousand seven hundred and eighty-four, under the name of the Regents of the University of the State of New York, is hereby continued under the name of the University of the State of New York. It shall be governed and its corporate powers, which may be increased, modified, or diminished by the legislature, shall be exercised by not less than nine regents.

As the law provides that there shall always be three more regents than there are judicial districts in the state, there are at present twelve regents (see page 6), of whom one is elected each year by joint ballot of the assembly and senate during the second week in February, to serve for twelve years.

EDUCATION LAW OF 1917

Until 1917 there was no general law regarding the regulation and management of the various school systems of the state. By Chapter 786 of the Laws of 1917, about 600 pages of special laws were repealed and one uniform act, applying to all the cities in the state, was substituted. The following sections apply to New York City:

THE BOARD OF EDUCATION

865. A board of education is hereby established in each city. The educational affairs of each city shall be under the general management and control of a board of education to consist of not less than three nor more than nine members.

866. In a city having a population of one million or more and divided into boroughs, there shall be a board of education consisting of seven members The mayor shall appoint such members on the first Wednesday in January for a term of seven years.

868. Subject to the provisions of this chapter, the board of education in a city shall have the power, and it shall be its duty to perform any duty imposed upon boards of education or trustees of common schools under this chapter or other statutes, or the regulations of the University of the State of New York or the Commissioner of Education so far as they may be applicable to the school or other educational affairs of a city, and not inconsistent with the provisions of this article.

SCHOOL MONEYS

877. (1) The board of education in each (other) city shall prepare annually an itemized estimate for the ensuing fiscal year and file the same on or before the first day of September. Such estimate shall be for the following purposes:

a. The salary of the superintendent of schools, and the salary, fees, or compensation of all other employes appointed or employed by said board of education. b. Other necessary incidental and contingent expenses. . . .

(7) In a city which had, according to the federal census of 1910, a population of one million or more, such estimate shall be filed with the board of estimate and apportionment. If the total amount requested in such estimate shall be equivalent to or less than four and nine-tenths mills on every dollar of assessed valuation of real and personal property in such city subject to taxation, the board of estimate shall appropriate such amount. If the total amount contained in such estimate shall exceed the said sum of four and nine-tenth mills, such estimate shall, as to such excess, be subject to such consideration and such action by the board of estimate and apportionment, the board of aldermen, and the mayor as that taken upon departmental estimates submitted to the board of estimate and apportionment.

INADEQUATE FINANCING

Unfortunately, the sum of four and nine-tenths mills on each dollar of assessed valuation in the City of New York, together with the state allotment for salaries (now \$700 per teacher), is not, and for many years has not been, sufficient to meet the absolutely necessary expenses of running the schools, so that the school budget has to be included in the regular city budget and is handled in the same way as the funds for all other departments. Since it is highly desirable that the teaching and supervising staff in the public schools of the city be free from the fluctuations that attend changes in the political complexion of the city administration, there has been a long series of amendments to the city charter and the state education law, tending toward standardization and stabilization of salary schedules and schedule conditions.

THE DAVIS LAW

The first step in this legislation was the establishment of mandatory schedules and schedule conditions. The Greater New York Charter, adopted at the time of consolidation of the various boroughs in 1897, contained the following provision regarding teachers' salaries:

Each school board shall have power to adopt by-laws fixing the salaries of the borough and associate superintendents, of principal and branch principals, and of all other members of the teaching and supervising staff, and such salaries shall be regulated by merit, by the grade of class taught, by the length of service, or by the experience in teaching of the incumbent in charge, or by such a combination of these considerations as the school board may deem proper. *Said salaries need not be uniform throughout all the several boroughs, nor in any two of them, nor throughout any one borough.*

This lack of uniformity produced such inequalities that remedial legislation was sought at Albany, resulting in passing finally in the state legislature the Ahearn Law in 1899, followed by the Davis Law in 1900, establishing minimum salaries and increments, and permanent tenure of office. This was an epoch-making accomplishment and put the New York schools on a plane far above the rest of the country. Inasmuch as the Davis Law is the Magna Charta of the public school teachers of New York City, it seems worth while here to quote the report made on this law by the City Superintendent of Schools, WILLIAM H. MAXWELL.

Perhaps the most important event of the school year was the passage by the legislature of the Davis Law. . . . Stated in general terms, the main provisions of this statute are as follows:

1. It provides a more equitable plan for distributing the school fund among the various boroughs than that set forth in the original charter, the quota for each qualified teacher being made \$600 instead of \$100.

2. It provides that the amount to be raised each year for the general school fund shall be not less than four mills on the dollar of the assessed real and personal estate of the city.

3. It provides for the various classes of teachers that there shall be a stated minimum salary for the first year of service, a minimum salary after the lapse of a certain number of years, and that in each class between these two points the salary shall increase by an equal amount each year.

4. It provides, also, that no teacher's salary shall advance beyond a certain point "unless and until" the teacher's service is approved as "fit and meritorious" by the borough board of superintendents.

No measure regarding teachers' salaries so sweeping and liberal in its provisions was ever before passed by any legislature. Not unnaturally, therefore, it may be inferred that there must have been something extraordinary in the local conditions to call for the enactment of this statute by the legislature, and the governor—in spite of the veto of the mayor and the strenuous opposition of the comptroller, and in opposition to the majority of the members of the school boards of Manhattan and The Bronx, and of Brooklyn. Such was indeed the case. Stated briefly, the most obvious reason why the teachers had the support of the press and the public and the sympathy and co-operation of the governor was that the board of estimate and apportionment had failed to provide the

funds necessary to carry into full effect a comparatively mild measure regarding teachers' salaries which the legislature had passed in 1899. This statement is the exact truth, and it was this truth that appealed so strongly to the press, the public, and the legislative authorities. But there was much more than this immediate cause that had a profound influence in urging the teachers to action and in determining the trend of public opinion.

In the City of New York, prior to consolidation, a schedule of salaries complex in its arrangements almost beyond description had been in force. Under this schedule a teacher's salary depended partly on the grade of the school, partly on the grade of class taught, and partly on the order of appointment. * * * Thus, if there were twenty teachers in a school, the last teacher appointed ranked as twentieth assistant and received the lowest salary. That salary remained practically unchanged, unless the teacher was transferred to higher (so called) grade of school, or until another teacher left the school, when the twentieth assistant became the nineteenth, with enhanced rank and pay, and so on. . . . The most monstrous injustices had developed during the course of years. . . . In Queens and Richmond the salary question at the time of consolidation appeared to be in an almost hopeless muddle. In the territory now embraced in the Borough of Queens there were before consolidation as many as sixty-seven separate and independent school boards. . . . All these different boards paid different rates of salaries to their teachers. None of them, however, as far as I have been able to learn, had a schedule of salaries in the sense in which that word is now used. Each board made the best bargain it could with the teacher it desired to engage. The natural result was the most extraordinary inequalities in the rates of pay in different localities for precisely similar service. . . . To the great body of teachers in Queens and Richmond the Ahearn Law was most disastrous, because, with the limited amount of money at the disposal of the school boards, they were obliged to cut down the salaries of those teachers who were not protected by law in order to pay the salaries of those teachers who were so protected. As a matter of fact, the teachers of Queens and Richmond received no pay whatever from the 30th of September, 1899, until some time in January, 1900, and finally obtained remuneration for their services during this period only through the beneficent act of the legislature and governor in passing a law for their relief. . . .

For many years prior to the agitation that commenced in 1897 for a revision of the salary schedules, there had been gradually taking shape in the minds of the teachers certain notions that were the direct result of the conditions and events just described. . . . They may be gathered up under five headings:

1. The feeling that the average salary paid in former years was altogether too low as a remuneration for the service rendered and too low to be consistent with the dignity of the teaching profession.
2. The feeling that the various salary schemes formerly in force resulted in widespread injustice which in turn led to constant unrest.
3. The feeling that the wire-pulling which was too often necessary to secure promotion and consequent increase in salary was unworthy of a body of self-respecting public servants, and ought to be eliminated.
4. The feeling that all of these things were impairing the usefulness of each individual teacher, and that the system as a whole was suffering in consequence.
5. The feeling that no matter how willing the school board might be to remedy abuses, no matter how wisely they might plan new salary schemes, the financial authorities of the city would not grant the money necessary to correct the abuses and put the revised schedules into effect. . . .

Nothing could be more unjust than the sweeping statements of men high in office that the teachers, in appealing to the legislature, were actuated solely by greed for money. It is not so. The teachers deserved better salaries. They desired and asked for better salaries; but in doing so they sought not personal advantage alone, but the good of a city which they love and the good of the schools to which they have dedicated their energies.

UNEQUAL PAY

The Davis Law had one provision which occasioned twenty years of agitation and made harmony among the different teacher groups practically impossible during that time. The maximum salary of male teachers in the elementary schools was made the same as that of assistants to principal and male high school teachers, \$500 more than that of female high school teachers, and \$960, or 66⅔ per cent greater than the maximum salary of a female elementary school teacher doing the same work. This discrimination was irritating to the

whole corps of women teachers and brought about an effective organization of ten thousand women teachers, led by Grace Strachan, to fight for "Equal Pay for Equal Work."

COMMISSION ON TEACHERS' SALARIES, 1910

One equal-pay bill was passed by the legislature in 1907, vetoed by the Mayor, repassed over his veto and finally vetoed by Governor Hughes, on the ground that it should be left to local authorities, or "Home Rule." Little progress was made with the question until in 1910 a commission on Teachers Salaries, appointed by the Board of Estimate, made a very exhaustive investigation of the situation and recommended salary for position, and additional compensation for teachers of boys' classes, giving all teachers of seventh and eighth grade boys the same salary as was being paid to 8B men teachers, teachers of high school girls \$1000-2500, boys' classes \$1500-3000, and putting high school laboratory assistants in the same schedule as teachers. These recommendations, submitted in a report of over 143 pages, probably constitute the most exhaustive study ever made of New York teachers' salaries. No action was taken on this report, however, and the appeal was again made to the legislature.

THE "EQUAL PAY" LAW

After several unsuccessful attempts an "Equal Pay" bill was finally passed by the legislature in 1911, providing that "in the schedules of salaries hereafter adopted there shall be no discrimination based on the sex of the member." The schedules adopted, however, prevented the law from accomplishing even the purpose for which it was intended. The bonus for boys' classes was discontinued, and new "Equal Pay" schedules at a figure about 14 per cent. above the former salary of elementary school women and high school men were adopted. A series of amendments later to the equal pay law protected elementary school men in their former salaries, and left the problem still unsettled. The minimum salary for high school assistant teachers was reduced to \$900, and was for many years the lowest minimum salary paid to any regular teacher in the whole system. The high schools were further affected by the provision that only those who had been declared teachers of "superior merit" should receive the full salary advances and increments.

The condition which produced the whole controversy remained unchanged, since practically no new men came into the elementary schools under the equal pay schedules, and those already in, or on the eligible lists, or in training school or college preparing for the examinations, received the old salaries, which were still far above the new equal pay schedules.

Shortly after the adoption of the equal pay schedules the collapse of the retirement fund occurred, and before that was settled the increased cost of living had become so serious that general adjustments seemed imperative.

THE MINIMUM WAGE FALLACY

The Davis Law was passed with the express purpose of establishing a minimum wage high enough to guarantee teachers a fixed and attractive standard of living, and neither at that time, nor to any noticeable extent since, does it seem to have occurred to advocates of a minimum wage law that a fixed number of dollars did not inevitably

guarantee a fixed standard of living. In New South Wales, Justice HEYDON of the Court of Industrial Arbitration handed down a decision in March, 1914, that "as to the rise and fall of the laborer's wage in Sidney, I think on the whole that it should go up and down with the Commonwealth Statistician's tables on the purchasing power of the sovereign," but apparently no such action has ever been initiated. The Danish Parliament has recently discussed the same proposition, but has stopped with the discussion. While it is true that teachers of Political Economy have repeatedly called attention to the weakness of our gold standard dollar, reminding us that it was really no more of a fixed standard than the primitive use of the "gird" of the king's waist as a standard yard, or the length of his pedal extremities as a foot, our legislative leaders blissfully ignored the patent fact that our whole stupendous financial system was built on a foundation as shifting as sand.

THE SHRINKING DOLLAR

One need not be a financier or college professor to see that the worldwide war has brought about an utterly unprecedented rise in the general price level, due primarily to an enormous increase in currency and credits, and consequent decrease in the purchasing power of the dollar. The same change occurred in Europe in the sixteenth century, following the exploration and conquest of the New World; a similar change followed our own Revolution in the eighteenth century and our Civil War in the nineteenth century. None of these, however, was so universal or extreme as the present tidal wave of price increases. The former changes were due largely to a sudden influx of gold and silver or inflation by paper currency, while the present crisis is marked by an enormous extension of credits and greater use of checks as currency. Prices have increased in a curve exactly parallel with that of the increase in the circulating medium. The effect has been an economic disturbance whose scope, magnitude and duration exceed in seriousness any other phase of the war. Owners and manufacturers of commodities have been enriched by a vast unearned increment, while everyone living on a fixed income or salary has suffered an automatic, gradual reduction in salary on account of the diminishing purchasing power of the dollar.

THE SUBMINIMUM WAGE OF NEW YORK CITY TEACHERS

In order to determine whether our recent salary increases are real or apparent, it is necessary to go back to some previous level of prices as a base, and then compare all changes in salaries with changes in the cost of living. Since fixed salary schedules begin with the Davis Law in 1900, we may take that as representing the base, or 100 per cent., for salaries, and the average of wholesale prices for the preceding ten years—1890-1899—as the base, or 100 per cent., for the cost of living. Using the index figure of wholesale prices of 300 staple commodities, prepared by the United States Bureau of Labor Statistics, we get the following significant figures for the actual value of teachers' salaries in New York City from 1900 up to and including 1920:

Year	1900	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11
Index figure of Nominal												
Salary	100	100	100	100	100	100	100	100	100	100	100	100
Index figure of Cost of												
Living	111	108	113	114	113	117	123	128	123	127	132	130
Index figure of Real Sal-												
ary	90	93	88	88	88	85	81	78	81	80	76	77

Year	1912	'13	'14	'15	'16	'17	'18	'19	Jan. to July, 1920	July to Dec., 1920
Index figure of Nominal Salary	114	114	114	114	114	114	114	118	135	217
Index figure of Cost of Living	138	136	135	137	170	240	267	290	352	348
Index figure of Real Salary	83	84	84	83	67	48	43	41	38	62

Under such conditions the nominal minimum wage is an economic delusion and a farce, being in reality a subminimum wage contrary to the spirit and purpose of the law, since the actual minimum salaries guaranteed to teachers by the Davis law have never been paid in full purchasing value, and the deficit has grown from 11% in 1900 to 62% in the first half of 1920, as shown above.

The blame for this wholesale reduction, however, can not be fastened on any individual or group of individuals, but must be attributed primarily to a currency system less scientific than the wampum or cattle currency of primitive days. Had our currency been so standardized as to be a stable medium of exchange, we might have been spared practically all the disturbances and hardships occasioned by the general advance in prices. Our trouble is due not so much to the advance in prices as to the difficulty in bringing about the universal standardization in prices and wages which must come before any economic peace is possible.

THE CRISIS.

The enormous increase in prices began in November, 1915. At that time the index figure of wholesale prices of all commodities (using January 1, 1900, as a base = 100) was 140, about the same as it had been since 1913. By the end of 1916 it had climbed to 198, and by December, 1917, to 249. In the fall of 1917 the suffering from reduced salaries had become so general and the complaints so insistent that it was quite apparent that further amendments to the state education law would be necessary. Consequently, at the meeting of the Directors of the Federation of Teachers' Associations in May, 1918, the president of the High School Teachers' Association moved that a committee be appointed to unify the efforts of all groups of teachers in securing adequate salary legislation at Albany. After long discussion, the motion was finally carried, and the following October a committee of 25, representing all groups of teachers, began work.

THE DOWNING-MALONE TEACHERS' SALARY BILL

The committee was unanimously in favor of complete equal pay schedules and the elimination of the old Davis Law schedules VI (\$1005-2160) and VII (\$1500-2400) for men by the creation of a new 7A-9B, or intermediate school group. The chief point of disagreement was the question of additional compensation for boys' classes, which was left to a referendum vote of all city teachers. The result was overwhelmingly in favor of additional compensation for teachers of boys' classes above the fourth year, and a bill containing that provision, full equalization of salaries, an average increase of about \$600 per teacher, and many much-needed schedule-condition changes, was introduced by Senator DOWNING and Assemblyman MALONE. After the customary hearings and amendments the Education Committee of the legislature abandoned the Downing-Malone bill at the last minute as too radical, and reported out a loosely drawn committee bill without bonuses, definite schedule conditions, or any

increases for superintendents. An average increase of about 40 per cent. was to be distributed equally over three years, beginning January 1, 1920. The bill also provided for the elimination of the former "superior merit" provision by a paragraph borrowed from the Downing-Malone bill. Formerly all high school teachers had been considered unsatisfactory until formally approved by the supervisors. The new law provided that the teacher "shall receive for any given year of service the salary and increment provided for the year which corresponds to his year of service, unless his services for the year immediately preceding have been declared by a majority vote of the board of superintendents to be unsatisfactory, after opportunity to be heard."

THE LOCKWOOD-DONOHUE TEACHERS' SALARY BILL

Before the new salary schedules made in 1919 took effect several bills had been drafted by teachers asking for still greater increases in 1920. The first one to be passed by the 1920 legislature was the Lockwood-Simpson Bill, which repealed the three-year spreading clause of the 1919 law after June 1st, 1920. This gave an increase of about 40 per cent. over the 1919 schedules. Meanwhile a Merger Committee of all teachers' associations had agreed on a new bill providing 40 per cent. increase on all salary schedules having a maximum not exceeding \$2,260, 30 per cent. on those not exceeding \$4,000, and 20 per cent. for all others. As in the previous year, the bill drafted by the teachers was finally replaced by a hastily drawn committee bill somewhat less favorable in its terms and much more irregular in its schedules. This bill, called the amended Lockwood-Donohue bill, was passed and signed by Governor Smith, to take effect August 1st, 1920.

In accordance with this law, the Committee on Finance, Salaries and Supplies of the Board of Education of the City of New York presented the following report and resolutions on June 16, 1920, and the resolutions were adopted:

The Committee on Finance, Salaries and Supplies respectfully reports that it has given careful consideration to the provisions of the State Education Law as amended by Chapter 680 of the Laws of 1920, which law provides, in part, as follows:

"The board of education of such city shall adopt schedules and schedule conditions to become effective on and after the first day of August, nineteen hundred and twenty, which schedules and schedule conditions shall fix the compensation or salaries of the members of the teaching and supervising staffs, as specified and required in the foregoing schedules, and shall also fix the compensation or salaries of all other members of the teaching and supervising staffs and of other employees of the board of education, whether on a per annum or a non-per annum basis, including, in addition to those falling within the foregoing schedules, the superintendent of schools, all associate, district or other superintendents, members of the board of examiners, assistant examiners, directors, assistant directors, inspectors, supervisors, special instructors, special teachers, administrative assistants, clerical assistants, librarians, attendance officers, secretaries, auditors, clerks, teacher clerks and all officers and employees of said board of education, notwithstanding any provision to the contrary contained in the charter of such city or in any act relating to such city or in any general, special or local act."

Your Committee offers for adoption the following

RESOLUTIONS

Resolved, That Section 65 of the By-Laws of the Board of Education be, and it is hereby, stricken out in its entirety and that there be and is hereby adopted, in lieu thereof, the sub-joined new Section 65, to take effect August 1, 1920.

Resolved, That Section 65a of the By-Laws of the Board of Education be, and it is hereby, stricken out in its entirety and that there be and is hereby, adopted, in lieu thereof, the sub-joined new Section 65a, to take effect August 1, 1920.

SALARIES—GENERAL REGULATIONS

SEC. 65. 1. The salary, including the annual increment, to which a regular (not substitute) member of the supervising, teaching, or examining staff shall

be entitled under a specific salary schedule existing at the time of the adoption of these by-laws shall not be reduced by reason of the operation of the schedules of salaries set forth in this section; nor shall a regular teacher in service at the time of the adoption of these by-laws, on appointment or promotion to a higher position, receive a salary less than such teacher would have received by reason of experience if appointed or promoted to such higher position prior to the adoption of these by-laws.

2. Teachers' annual salaries shall be paid in twelve equal installments, one installment for each month in the calendar year. The installment for July shall be paid, as nearly as may be, on or before the 30th of June of each year. The installment for August shall be paid, as nearly as may be, on or before the first school day of the following September. In the case of a teacher who is dismissed from the service for cause, salary shall cease from the day of suspension from service. In case a teacher's license is not renewed, salary shall cease with the termination of actual service.

3. One-twenty-fifth of a month's salary shall be deducted for every day of absence on the part of a principal, supervisor, or teacher, unless such principal, supervisor, or teacher is excused for adequate cause, in accordance with these by-laws; but the aggregate deductions for all purposes in any one month shall not exceed the salary for that month.

4. Subject to the conditions set forth in this section, a member of the supervising and the teaching staff, or an attendance officer, serving under a schedule which provides for annual increments *shall receive for any given year of service the salary and the increment provided in said schedule for the year which corresponds to his or her year of service in such schedule*, unless his or her services for the year immediately preceding have been declared by a majority vote of the Board of Superintendents to be unsatisfactory, *after opportunity to be heard*.

5. No person serving in a supervising or teaching position at the date on which these schedules take effect, who shall have previously served in a lower position, shall receive for the higher position a salary less than the amount in the higher schedule next above that to which he or she would be entitled in the lower position.

6. A teacher appointed or promoted to a higher position who shall have previously served in a lower position, the maximum salary of which is greater than the minimum salary of the higher position, shall be placed upon the appropriate salary schedule at the salary next above that to which he or she would be entitled in the lower position, and shall thereafter advance in salary in accordance with the salary conditions applicable to the higher schedule. The date of annual increase in the higher schedule shall be the date fixed for the annual increase in the lower schedule.

7. Salaries of newly appointed teachers shall begin on the date of the beginning of actual and personal service; the annual increase of all teachers shall begin on the anniversary of the date of commencement of service after appointment, or on such equated date of appointment as shall result from an adjustment of allowance for experience.

8. The certificate of the Superintendent of Schools that a principal, a supervisor, or a teacher has been credited by the Board of Examiners with a certain number of years of experience for service in schools other than the public schools of the City of New York, and the certificate of the Superintendent of Schools that a principal, a supervisor, or a teacher has rendered any number of years of satisfactory service in any part of what is now the City of New York, shall entitle such principal, supervisor, or teacher to the salary prescribed for the stated year of service by these by-laws. In reckoning service in the public schools of the City of New York, service as a substitute teacher rendered prior to January 1, 1919, or as a teacher or principal in evening schools or vacation schools or playgrounds, or years of service formerly allowed in any borough in consideration of graduation from any training school, normal school, or college, shall not be counted. For substitute service rendered in day schools in the City of New York, or in clerical work in the schools or in the offices of the Board of Education, subsequently to January 1, 1919, the Board of Superintendents may, on application, grant a regularly appointed teacher credit for such service, year for year, not exceeding the equivalent of five school years (1,000 school days). In determining the allowance for outside experience to be made to persons appointed as teachers in the day public schools, including elementary schools, high schools, vocational or trade schools, and schools for the deaf, the Board of Examiners may count one or more years of satisfactory service in a profession, or in a mechanical or mercantile occupation, or in a trade, as the equivalent of a certain number of years of experience in teaching in the respective type of day public schools the subject or subjects related to the appointee's former profession, occupation, or trade.

9. Teachers temporarily assigned to higher positions to which they have not been regularly appointed in accordance with law shall have no claim to the higher salary.

ANNUAL SALARY SCHEDULES

Professional Control

Superintendent of Schools.....	\$12,000
Associate Superintendent	8,250
Member of Board of Examiners.....	7,700
District Superintendent	6,600
A District Superintendent assigned as Assistant to the Superintendent of Schools (during the continuance of the assignment).....	7,500
Director of Attendance.....	7,000
Assistant Director of Attendance.....	5,500
Director of Reference, Research and Statistics.....	7,000
Assistant Director of Reference, Research and Statistics.....	5,000
Director of Lectures.....	6,600
Assistant Director of Lectures.....	4,500
Superintendent of Libraries.....	5,000
Director of Vocational Activities.....	7,500
Director of Community Centers, Vacation Schools and Vacation Play-grounds	6,000
Director of Evening Schools and Continuation Classes.....	6,000
Medical inspectors of ungraded children.....	3,600
Physicians to examine candidates for licenses.....	2,600

Executive Officials

Secretary of Board of Education.....	6,500
Assistant Secretary of Board of Education.....	5,000
Chief Clerk of Board of Education.....	4,000
Superintendent of School Buildings.....	11,000
Deputy Superintendent of School Buildings.....	5,500
Deputy Superintendent of School Buildings.....	5,500
Deputy Superintendent of School Buildings.....	5,500
Deputy Superintendent of School Buildings.....	5,500
Deputy Superintendent of School Buildings.....	4,500
Superintendent of School Supplies.....	8,250
Deputy Superintendent of School Supplies.....	4,000
Superintendent of Plant Operation.....	7,500
Auditor	7,500
Deputy Auditor	6,000

High and Training Schools

Service Year	IId		IIa1		IIb		IIa		IIc	
	Principals		Adm. Asst.		1st Asst.		Asst. Mod. Crit.		Cler. Lib.	Lab., Pl., Inv.
1st	\$5,500		\$2,405		\$3,200		\$1,900		\$1,400	
2nd	6,000		2,600		3,400		2,050		1,500	
3rd	6,500		2,680		3,600		2,200		1,600	
4th	6,500		2,760		3,800		3,350		1,700	
5th	6,500		2,940		4,000		2,500		1,800	
6th	6,500		3,120		4,200		2,650		1,900	
7th	6,500		3,300		4,200		2,800		2,000	
8th	6,500		3,480		4,200		2,950		2,100	
9th	6,500		3,660		4,200		3,100		2,200	
10th	6,500		3,840		4,200		3,250		2,300	
11th	6,500		4,020		4,200		3,400		2,400	
12th	6,500		4,200		4,200		3,550		2,400	
13th and subsequent yrs.	6,500		4,380		4,200		3,700		2,400	

Schedule IIa1 shall apply in all cases only during the continuance of assignment by the Board of Education, on the recommendation of the Board of Superintendents.

In schedule IIb credited gross teaching service in high or training schools over and above five years shall be counted.

First assistants placed in charge of annexes or assigned as administrative assistants shall receive a maximum of \$4,380 after five years' service as such.

Regular teachers permanently employed in continuation classes or schools shall be paid in accordance with schedule Ib (Min. \$1,600, Incr. \$150, Max. \$3,250).

(Other annual salary schedules will be found in the table on page 64.)

Evening Schools

Schedule VII

	Per Evening
Principals of evening high and evening trade schools.....	\$9.10
General assistants in evening high and evening trade schools.....	6.50
Teachers in evening high and evening trade schools.....	6.50
Laboratory assistants in evening high and evening trade schools.....	3.90
Principals of evening elementary schools.....	7.80
Teachers in charge of evening elementary schools having no principals but having twelve classes or more.....	6.50

Teachers in charge of evening elementary schools having no principals but having less than twelve classes.....	\$5.20
General assistants in evening elementary schools.....	3.90
Teachers in evening elementary schools.....	3.90
Supervisors of special subjects.....	7.80
Substitute teachers of trade subjects in evening high and evening trade schools.....	6.50
Substitute teachers of other subjects in evening high and evening trade schools.....	3.90
Substitute teachers of trade subjects in evening elementary schools.....	3.90
Substitute teachers of other subjects in evening elementary schools.....	2.60
Toolboys.....	1.95

18. The schedules, schedule conditions, and provisions in this section contained, adopted pursuant to the provisions of Chapter 680 of the Laws of 1920, shall not be considered or construed as providing an increase in any salary beyond that specified in the said schedules and schedule conditions unless such increase is expressly and specifically hereinbefore set forth.

ANNING S. PRALL, JOHN A. FERGUSON, GEO. J. RYAN,
Committee on Finance, Salaries and Supplies.

Auditor Cook estimates that the new salary legislation will increase the teachers pay roll from \$43,800,000 on December 31, 1919, to \$77,250,000 on December 31, 1921. Elementary schools advance from \$37,625,157 to \$67,941,118, about 80%. High Schools go from \$6,191,140 to \$9,321,630, an increase of a little over 50%. These figures include, of course, the regular growth and expansion of the school system, the actual increase in salary schedules being somewhat less.

If general price levels eventually fall, as has been predicted, about 40% below their highest peak in 1920, it will leave the elementary salaries somewhat better, and the high school schedules considerably lower, proportionately, than they were in 1900. The teachers who succeeded in weathering the cyclone of high prices by sacrificing investments, savings, insurance, and even homes, have only the consolation that they learned to practice a degree of economy which would have seemed absolutely impossible in advance. Perhaps it will enable them eventually to get back a small part of the many thousands of dollars which the shrinkage in salary values cost every teacher. The loss to the school children who went through that period of diminished teaching efficiency is irreparable, and it will be many years before its disastrous effects have entirely disappeared.

RADICAL CHANGES NEEDED

A fair and adequate system of salary schedules and conditions for public school teachers should have at least the following elements:

1. Uniform mandatory minimum salaries, based on standards of living.
2. Fixed annual increments, automatic unless service is declared unsatisfactory after an impartial hearing of both sides of the question.
3. Pay for position, regardless of sex.
4. An initial salary high enough to attract first-class men and women.
5. Additional compensation for extra difficulties or requirements.
6. Differentials based on eligibility requirements and the character of the work, including the dignity of the position.
7. A margin far enough above the legal minimum to protect teachers from the usual fluctuations in price.
8. Such financing as will guarantee generous support for education without legislative campaigning by teachers and their friends.

Twenty-five years ago New York City had none of these essentials. Well-organized work by teachers and supervisors secured the first three points by order of the state legislature, after twenty years of persistent fighting. The campaign has been started for some other reforms, and the next session of the legislature will probably see considerable radical school legislation.

The ultimate goal toward which all progressive school legislation must tend is the elevation of teaching to a real profession, with standards and ideals commensurate with the unparalleled importance of the work. The foundation of genuine democracy is liberal education, and only the highest types of men and women should be entrusted with the paramount function of public education. Teachers should be the most perfectly developed, highly paid and highly honored citizens of the state. In order to reach this goal, we must have a gradual raising of standards and salaries for teachers until the teaching profession is able to attract and hold the best men and women our colleges can produce. The public must be educated up to the point where they realize that in teaching as well as in industries cheap labor is the most expensive and the best talent available is usually the cheapest in the end. Some day parents and other taxpayers will understand that our children are entitled to the best education that money can buy, and that funds spent in improving our schools should not be considered an expense, but rather an investment whose dividends, in the form of better citizenship, represent the most profitable and beneficent use for which money can be employed.

C. R. J.

VI

THE TEACHERS' RETIREMENT SYSTEM OF NEW YORK CITY

The modern pension system is a product of the industrial revolution of the nineteenth century which transferred to the corporation and the municipality the functions of the private employer, including his paternal interest in the welfare and happiness of his workmen. Old age pensions for workmen are practically universal in Europe, Germany having the most complete and successful system. The United States is the only great nation today that has no national system of old age and disability insurance.

The pensioning of school teachers is based on the following facts of sociology:

1. *Teachers will not save enough to protect themselves and dependents unless forced to do so by some system of compulsory savings.* This is due largely to the fact that the teacher is generally in a much higher plane socially than financially, having little contact with money-making enterprises. Consequently, every salary increase or surplus is already mortgaged to the attainment of a higher standard of living.

2. *Municipalities will not dismiss faithful teachers who lose their efficiency but have no resources other than their salaries.* Political, religious, social and charitable influences almost invariably outweigh the cold-blooded principles of business efficiency in such cases, although a worn-out workman does more harm in school than in any other occupation.

3. *For psychological rather than mathematical reasons, the ideal pension system should be supported by equal contributions from employer and employee.* Since the money to pay pensions comes primarily from the employer, the administration of a pension fund would be much simplified if the funds passed directly from the employer to the annuitant, eliminating all the clerical work entailed by a contributory plan of any kind. The objections made to this method are that it looks too much like charity; that it ignores a valuable opportunity for co-operation between employer and employee; that it benefits a few at the expense of many, and that it tends to prevent salary increases.

These objections, which are more academic than practical, are met by the partly-contributory system, in which half the expense of the pension comes theoretically from the teacher's salary, and is to a certain extent under his supervision and control. Although the difference is largely a matter of bookkeeping, the fact that the contributions come nominally from the employee's salary before passing into the pension reserve fund gives the employee a voice in the management of the fund and a genuine interest in its permanency and solvency.

The history of municipal pension systems in New York City begins with the Police Pension Fund in 1857 and the Fire Department Relief Fund in 1871. Brooklyn teachers attempted to establish a retirement fund in 1879 but nothing came of it until 1894, when a half pay pension, not to exceed \$1000, was provided for New York City teachers, to be supported chiefly by absence deductions. A similar plan, calling for a 1% deduction from teachers salaries, was instituted in Brooklyn in 1895.

In 1901 both funds were consolidated on a new basis, and in 1905 further changes were made, providing for a half pay disability pension and also a service pension after 30 years. This fund was to be maintained by deductions of 1% from teachers salaries and 5% of the city's excise money. It was not based on actuarial computations, but was conducted in much the same hand-to-mouth way as the thousands of fraternal assessment and mutual benefit organizations whose wrecks characterize the history of amateur life insurance projects.

The fundamental fallacy in all assessment insurance schemes is the failure to reckon all members, including "new blood," as liabilities. The promoters of these "mutual benefit" orders ignore the fact that every contributor is not only a present asset, but to a much greater extent a future liability, and that the addition of "new blood" to a system not actuarially sound adds liabilities faster than resources. Eventually the members of every assessment company learn that *the only cheap insurance is safe insurance, and that the only safe insurance is that backed by a legally enforceable contract to pay a definite sum in return for a definite consideration.* A mutual agreement between members to share losses equally does not constitute an enforceable contract to pay annuities, as many an annuitant has learned when it was too late. *The only permanent pension system is that resting on a contractual obligation, with a definite consideration based on actuarial computations.* The truth of this statement has been established by sad experience in many foreign countries, especially England and New South Wales, and by the failure of state pension systems in Maryland, Virginia and New Jersey, and of city systems in Boston, Providence, Newport, Cincinnati, Indianapolis, San Francisco, Philadelphia and New York.

It took New York City sixty years, from 1857 to 1917, to learn the futility of the cash disbursement plan for employees' pensions. The Police Fund, established in 1857, could not fail, as the city was bound by law to make up any deficiencies. The Teachers' Fund, established in 1894, had no such guarantee, the law stipulating, on the contrary, that *the number of annual retirements should be so limited that the entire amount of annuities to be paid in any one year should not exceed the estimated income of the fund in that year.* The fund was never actuarially solvent, and was practically bankrupt by 1910, when there was a deficit of \$48,142. A full account of the matter will be found in the Report on the Teachers' Retirement Fund, made by Mayor Gaynor's Committee on Pensions in 1915.

In 1917 a bill prepared by the Mayor's Pension Committee, in co-operation with the Federation of Teachers' Associations, was passed by the legislature and became a law under Section 1092 of the Greater New York Charter, establishing the present Teachers' Retirement Association of the City of New York. The following are the main provisions of this act:

MEMBERSHIP

1. All members of the teaching and supervising staff of the public day schools of the City of New York holding permanent licenses, including "all employees of the Board of Education appointed to regular positions in the service of the public schools, at annual salaries, and whose appointments were made, or shall hereafter be made, as the result of examinations held by the Board of Examiners of the Department of Education."

2. "All teachers without a permanent license who shall file a statement in writing with the Retirement Board consenting to membership in the Retirement Association and to reductions for annuity purposes provided in the act."

3. "All transferred contributors." (From other city departments.)

All who were in the school system on August 1, 1917, are classed as present teachers. Those who entered subsequent to that date are new entrants.

MANAGEMENT

The business of the Retirement Association is handled by the Retirement Board, consisting of the following members for 1921:

The President of the Board of Education—Anning S. Prall.

The Comptroller of the City of New York—Charles L. Craig.

Two members appointed by the Mayor (one of whom must be a member of the Board of Education)—Thos. W. Churchill and John A. Ferguson.

Three teacher members—Frederick Z. Lewis, Agnes M. Craig, and Rufina A. Carls.

One teacher member is elected each year in the following manner: On the first Thursday in May the contributors in each public school meet in their respective schools at 3 P. M. and elect from their number, by ballot, one delegate for each ten contributors or major fraction thereof in said school.

On the second Thursday in May the school delegates in each district meet at 3 P. M. at one of the schools in the district and elect from their number a district representative and alternate. On the following Thursday the district representatives meet at 3 P. M. at the hall of the Board of Education and elect a contributor to serve as a member of the Retirement Board for three years.

FUNDS

1. Contributed by the city:

- (a) An amount sufficient to provide for each contributor a pension of 25 per cent. of his average* salary for service retirement, or 20 per cent. for disability retirement.
- (b) An amount sufficient to provide for "present teachers" an additional pension of five-sevenths of one per cent. of the average salary for each year of service prior to August 1, 1917.
- (c) An amount sufficient to meet all other obligations imposed on the city by the provisions of the pension law.

2. Contributed by teachers:

- (a) New entrants contribute such a percentage of their annual salary as will be sufficient at the time of retirement to provide an annuity of 25 per cent. of the average salary.

* "Average salary" shall mean the average annual salary earnable by a contributor for the ten years immediately preceding retirement, except that in case a contributor shall retire prior to the first day of January, nineteen hundred and twenty-two, average salary shall mean the average annual salary earnable by the contributor since the first day of January, nineteen hundred and twelve.

- (b) "Present teachers" have the following options:
- A. Three per cent. of the earnable salary.
 - B. Such a per cent. of the earnable salary as will be sufficient to provide at age 65 an annuity which, when added to the pension given by the city, will furnish a retirement allowance of 50 per cent. of the average salary.
 - C. Any amount greater than 3 per cent.

BENEFITS

A. Disability Retirement: Teachers who have had ten years or more of city service may be retired for disability on certification of the medical board that the contributor is physically or mentally incapacitated for the performance of duty. The disability retirement allowance is:

- (1) A pension of 20 per cent. of the average salary.
- (2) An annuity actuarially equivalent to the sum of the teacher's accumulated contributions at the time of retirement.
- (3) An additional pension for "present teachers" of five-sevenths of one per cent. of the average salary for each year of service prior to August 1, 1917.

B. Service Retirement: Any contributor may be retired for service upon written application to the retirement board; provided

- (1) He has reached or passed the age of 65 years; or
- (2) If he was in service on August 1, 1917, and has a total service of 35 years or more; or
- (3) If an entrant since August 1, 1917, he has a total service of 35 years or more, at least 20 of which shall have been city service.

Compulsory service retirement takes place at the age of 70, or at the end of the term in which the age of 70 is attained.

Service Retirement Allowance:

- (1) A pension of 25 per cent of the average salary.
- (2) Same as for disability.
- (3) Same as for disability.

C. Death Benefit for Contributors Eligible for Retirement: "Upon the death of a contributor before retirement there shall be paid to his estate or to such person as he shall have nominated by written designation duly executed and filed with the retirement board (a) his accumulated deductions; and in addition thereto (b) an amount equal to the salary earnable by him during the six months immediately preceding his death, *provided that at the time of his death he had attained the age of 65 years, or had a total service of 35 years and was eligible for service retirement.*"

This provision differs very radically from the procedure required by state law for insurance companies under similar circumstances. The teacher eligible for retirement has earned and paid for what is in effect a matured endowment policy payable in annual installments. Such policies are made non-forfeitable and non-lapsing in the state law, and the full face value of the policy is the property of the insured as completely as if it were deposited in a savings bank in his name. The teacher's pension, on the other hand, by the provisions of this section, reverts to the city, with the exception of one-half a year's salary, which in most cases the city would have already saved by the decrease in the number of annuities payable. New entrants would lose half their retirement allowance, and "present teachers" would lose a much higher proportion. Since the present rates were computed

on the basis of no pension or annuity payments for teachers not actually retired, it would probably be necessary to charge a higher rate for those who wished to have the retirement benefit considered as a matured endowment at the completion of the service period. This could be handled as an additional option obtainable at any time by payment of the extra amount or rate required.

It would also be possible, and in most cases very desirable, to provide another option under which a term policy of life insurance maturing at the date of the completion of the service period, could be offered in conjunction with the endowment feature, thus protecting the dependents of the teacher under all circumstances.

D. Retirement after Thirty Years' Service: Any contributor may, if a present teacher, retire on written application to the retirement board after he has completed 30 years of service upon a retirement allowance consisting of

- (1) An *annuity* which shall be the actuarial equivalent of his accumulated deductions; and in addition thereto
- (2) Such *pension* as shall be certified by the actuary of the retirement board to have an actuarial value equivalent to the reserve which would be in the contingent reserve fund had the city contributed on account of such present teacher from the date of his entrance into service in such manner as is provided for the *city's contributions on behalf of new entrants* in subdivision F, paragraph 2, of this act, the amount determined by the actuary of the retirement board to be necessary to provide for the death benefit and the pension reserve required at the time of retirement to pay the pension allowable by the city as provided in this act. In determining the amount of the reserve the actuary of the retirement board shall base his calculations on the tables then in use as the basis for determining the rates of *contribution required of the city on account of new entrants.*"

Here again the teacher loses part of his earned and accrued pension, since the annuity purchasable by his own accumulated deductions is comparatively insignificant for present teachers, the deficit being made good under regular retirement conditions by the additional five-sevenths of one per cent. provided by subdivision M, paragraph 1-c. At present the 30-year retirement allowance amounts to about 25 per cent.

E. Return of Contributions: On the termination of a contributor's membership in the retirement association in any way, his accumulated deductions are returned in full with compound interest at 4 per cent. In case of dismissal he receives also the amount of his contributions to the old pension fund prior to August 1, 1917.

It is especially noticeable that under benefits C, D and E, the teacher's contributions and the city's contributions to make up previous deficiencies in teacher contributions are treated as deferred salary, returnable in all cases to the teacher, on the savings bank plan, while the pension proper, as distinguished from the annuity, is treated as a gratuity on which the teacher has no claim until retired. This reduces the cost to the city materially without decreasing the retirement allowance. It also puts a premium on the completion of the full service retirement period.

F. Options: Since the teacher who applies for retirement at the completion of the service requirement is entitled to the full reserve fund accumulated for his benefit, he is given the privilege, as in an insurance company, of selecting the method of payment. He may select any modification of the method of paying his retirement allowance, "provided such other benefit or benefits, together with such lesser annuity, or lesser pension, or lesser retirement allowance shall be certified by the actuary of the retirement board to be of equivalent actuarial value, and shall be approved by the retirement board."

The following typical variations are suggested in the law:

Under OPTION I the teacher receives in lieu of his ordinary retirement allowance a smaller allowance, with the provision that if he should die before he has received in monthly payments the amount of the reserve on his allowance at the time of retirement, the balance shall be paid to his estate or his beneficiary.

For example, a man teacher eligible for an ordinary service allowance of \$1,000 a year upon retirement at age 60 would be entitled to a benefit having a reserve of \$9,233.00. If he chose Option Number I he would receive \$780.30 per year instead of \$1,000; but if he should die at the end of one year there would be paid to his estate or to some designated person having an insurable interest in his life, \$9,233.00 less \$780.30, or \$8,452.70, which is the balance of the reserve. If he should die at the end of 5 years, \$5,331.50 would be payable to his estate, and so on until he had received payments to the amount of \$9,233.00, after which there would be no payments in the event of his death. The annual allowance of \$780.30, however, would continue to the pensioner as long as he lived.

OPTION II provides for taking in lieu of the ordinary retirement allowance, a smaller allowance with the provision that upon his death the allowance shall be continued during the lifetime of such person as he shall have nominated at the time the option was chosen.

For example, if a teacher at age 60 and eligible for \$1,000 service allowance should elect Option Number II and nominate a person at age 56 having an insurable interest in his life as his beneficiary, he would receive an allowance of \$681.40 per year, instead of \$1,000 per year, during his lifetime, and upon his death \$681.40 per year would be paid to the beneficiary as long as she lived.

OPTION III gives the privilege of taking in lieu of the ordinary retirement allowance a smaller allowance, with the provision that it shall be continued at one-half the rate to any person nominated at the time the option was chosen.

For example, if a man teacher at age 60, eligible for \$1,000 service allowance, should elect Option Number III and nominate a person at age 56, having an insurable interest in his life, as his beneficiary, he would receive an allowance of \$810.60 per year, instead of \$1,000 per year, during his lifetime, and upon his death \$405.30 per year would be paid to the beneficiary as long as she lived.

A teacher desiring to select an optional benefit must do so before his retirement allowance is officially approved—preferably at the time of making application for retirement. If no option is selected the annuitant receives the maximum allowance purchasable by his reserve as long as he lives, whether he dies before or after the period of his expectancy. His death terminates the city's obligation on his account, since by the law of averages his reserve would be all paid out by that time.

NOTE: The figures given in the examples illustrate the case of a man and his wife.

RATES OF CONTRIBUTION

New entrants are required to contribute a rate computed to give them a full allowance of at least one-half the average salary on service retirement. Present teachers are not required to pay rates which will provide the full allowance, but may reduce their contributions to as low as 3 per cent., or to such rate as will insure half the average salary upon attaining age 65, if that age is attained after more than 35 years of service. Present teachers who reduce their rates below the required figure will receive reduced allowances on retirement, and no teacher paying only 3 per cent will receive a full allowance at the end of 35 years of service. Rates of contribution to obtain a full allowance which are applicable to present teachers are not published because they depend upon and vary with the past contributions of the teacher, the prior service, the subsequent service and the age of the teacher. Individual rates are figured for teachers who make application to the retirement board.

Subject to such terms and conditions and to such rules and regulations as the retirement board may adopt, any contributor from time to time may:

(a) Increase or decrease his rate of contribution to the annuity savings fund, but in no event shall the contribution of a present teacher be less than the minimum contribution, *nor shall the contribution of a new entrant be at a rate less than the per centum rate provided for said new entrant in subdivision F-five-b.*

(b) If a present teacher, withdraw from his individual account in the annuity savings fund the amount in excess of his minimum accumulation.

(c) Withdrawn, after having become eligible for service retirement, such part of his accumulated deductions as shall be in excess of the amount necessary to procure for him an annuity which, if added to his prospective pension, will yield a retirement allowance of 50 per centum of his average salary.

The following tables show the rates for new entrants. The amount indicated is the minimum necessary to provide half pay on retirement after 35 years of service, and is deducted monthly from the teacher's salary check.

C. R. J.

RATES OF CONTRIBUTION FOR NEW ENTRANTS--WOMEN

(Expressed as a Percentage of Salary)

[illegible]

VII

THE HIGH SCHOOL TEACHERS' ASSOCIATION OF NEW YORK CITY

The High School Teachers Association was founded March 2, 1900, for the purpose of stimulating and unifying the efforts of high school teachers to promote the best interests of secondary education. Starting with 174 members, in the boroughs of Manhattan and the Bronx only, it has grown to a membership of 1,976 drawn from twenty-eight high schools scattered throughout the five boroughs of the greater city. The following table shows the gradual growth of the association under the successive presidents:

Year	President	Members
1900-1901	FRANK ROLLINS	174
1901-1902	" "	246
1902-1903	JAMES J. SHEPPARD.....	318
1903-1904	" " "	391
1904-1905	CHARLES H. J. DOUGLAS.....	456
1905-1906	JAMES F. WILSON.....	494
1906-1907	" " "	734
1907-1908	JOHN L. TILDSLEY.....	577
1908-1909	" " "	555
1909-1910	ARTHUR L. JANES.....	579
1910-1911	" " "	685
1911-1912	WILLIAM T. MORREY.....	731
1912-1913	" " "	856
1913-1914	" " "	897
1914-1915	ALEXANDER L. PUGH.....	792
1915-1916	" " "	1071
1916-1917	FRED C. WHITE.....	1092
1917-1918	" " "	870
1918-1919	CLYDE R. JEFFORDS.....	1064
1919-1920	" " "	1320
1920-1921	HAROLD E. BUTTRICK.....	1976
1921-1922	WALTER E. FOSTER.....	

SCHOOL MEMBERSHIP

School	1921	1920	1919	1918	1917	1916
Bay Ridge	25	27	31	23	29	29
Boys	122	110	75	65	72	70
Bryant	47	39	35	35	36	39
Bushwick	61	74	55	28	66	59
Commercial	73	27	..	41	30	28
Curtis	47	29	39	15	25	35
De Witt Clinton	108	42	..	35	58	110
Eastern District	70	41	40	37	54	50
Erasmus Hall	100	78	52	36	46	54
Evander Childs	109	92	47	35	61	33
Far Rockaway	6	5	..	7	4	2
Flushing	30	12	15	10	15	16
Girls'	68	42	65	50	50	30
Girls' Commercial	39	22	..	..	..	..
George Washington	35	..	..	..	..	..
Haaren	12	..	..	..	..	..
H. S. of Commerce	122	109	2	20	42	50
Jamaica	44	28	23	20	26	23
Julia Richman	124	88	80	57	45	73
Manual Training	134	84	96	58	63	77
Morris	135	95	136	116	142	103
Newtown	18	14	12	9	12	8
New Utrecht	25	1	..	18	18	14
Richmond Hill	53	40	31	24	30	25
Stuyvesant	135	30	80	38	71	..
Theodore Roosevelt	15	46	30	..	..	..
Wadleigh	60	64	54	51	30	35
Washington Irving	162	81	66	42	69	106
Total	1976	1320	1064	870	1092	1071

The business of the association is carried on in three forms, as provided in the constitution. Standing and special committees, appointed by the president, make preliminary investigations, prepare reports, and submit recommendations to the Board of Representatives, which meets monthly and is the body by which practically all the business of the association, except the election of officers, is performed. The chief function of the general meetings, held quarterly, is to hear speakers of prominence present subjects of general importance. Amendments to the constitution, as well as the annual election of officers, must be handled by the general meeting. Section meetings of the various departments are now held independently in whatever way the section officers prefer.

The most valuable work done by the association is to be found in the studies and reports of special committees, published regularly in the bulletins of the association, or in the yearbooks.

Legislative and other business requiring co-operation with other teachers' organizations is usually handled by the Board of Directors of the Federation of Teachers Associations of New York City. Each association, of which there are about seventy, is represented on the

Board of Directors by its president. As high school teachers constitute only one eighth of the total teaching force of the city, they are a small minority in the Board of Directors of the Federation, and their representative is frequently compelled, as a member of a democratic organization, to acquiesce in measures far from acceptable to the majority of the members of his association. The natural tendency of the minority in such cases to "bolt" and run an independent campaign has generally been disastrous and is apt to defeat its own purpose. Although the strongly centralized power of the Federation has aroused considerable resentment among many groups of teachers, it has worked better as a whole than any other system so far devised, and has been the chief agent in effecting all the important school legislation passed since its organization. Plans are now maturing for a new comprehensive association with a somewhat different basis of representation, and it is hoped that this will result in bringing about the union of all the heterogeneous elements into one harmonious association.

C. R. J.

Officers

President, WALTER E. FOSTERStuyvesant High School
611 West 158th St., Manhattan. Tel. Audubon 5600.

Vice-President, MARY T. DOWD.....Washington Irving High School
22 Pierrepont St., Brooklyn. Tel. Main 8334

Secretary, GRACIA FERNANDEZ DE ARIAS.....New Utrecht High School
600 West 114th St., Manhattan

Treasurer, LORING B. MULLEN.....Girls' High School
917 Rugby Road, Brooklyn. Tel. Midwood 2281-W.

Additional Members of the Executive Committee

SARA H. FAHEY.....Manual Training High School, Brooklyn
191 Lincoln Place, Brooklyn. Tel. Sterling 1080.

RALPH W. HALLERBoys High School, Brooklyn
30 McDonough St., Brooklyn

DELA P. MUSSEYMorris High School, Bronx
672 St. Nicholas Ave., Manhattan. Tel. Audubon 4312

FRANCIS H. J. PAUL.....DeWitt Clinton High School, Manhattan
35 Bow St., Forest Hills, L. I. Tel. Boulevard 6722

ALEXANDER L. PUGHHigh School of Commerce, Manhattan
Pomona, N. Y. Tel. Spring Valley 49 F-2

Senior Representatives, 1921-2

LOLABEL HALL, Bay Ridge High School
RALPH W. HALLER, Boys' High School
VINCENT J. LOUGHRAN, Bryant High School
ANNA E. STANTON, Bushwick High School
THOMAS F. LYNCH, Commercial High School
FRANK E. KERR, Curtis High School
WILLIAM VOLCKHAUSEN, DeWitt Clinton High School
FREDERICK H. PAINE, Eastern District High School
PRESTON C. FARRAR, Erasmus Hall High School
MARGARET W. HALL, Evander Childs High School
EDWIN A. BARNES, Far Rockaway High School
WARREN W. READ, Flushing High School
HIRAM H. BICE, George Washington High School
LORING B. MULLEN, Girls' High School
GRACE HELENE MILLER, Girls' Commercial High School
LEWIS C. WILLIAMS, Haaren High School
JULIUS BLUME, High School of Commerce
JOHN G. DUNBAR, Jamaica High School
AGNES FARRELL, Julia Richman High School
LOUIS TAYLOR, Manual Training High School
SANFORD L. CUTLER, Morris High School
GEORGE H. KINGSBURY, Newtown High School
MEYER WEINER, New Utrecht High School
HENRY A. STORER, Richmond Hill High School
SIMEON H. KLAFTER, Stuyvesant High School
SPENCER P. JACOBIA, Theodore Roosevelt High School
HELEN E. BACON, Wadleigh High School
MARY T. DOWD, Washington Irving High School

Constitution*ARTICLE I—Name*

Section 1. This organization shall be known as the High School Teachers' Association of New York City.

ARTICLE II—Object

Section 1. The object of this association shall be the advancement of secondary education and the promotion of teachers' interests.

ARTICLE III—*Membership*

Section 1. Any teacher in a public high school in New York City may become a member of this association by paying the annual dues to the Treasurer, or to the Senior Representative. Membership shall cover the school year, from October 1 to September 30.

Sec. 2. The membership lists shall be open at any time to any member.

ARTICLE IV—*Officers*

Section 1. The officers of this association shall constitute the Executive Committee. They shall be a President, Vice-President, Secretary, Treasurer, and five other members.

Sec. 2. The duties of these officers shall be such as usually devolve upon the officers named.

Sec. 3. For the purpose of nominating officers of the association, the senior representatives of all the high schools that have membership in the association shall act as a nominating committee. The meetings of this committee shall be held on the first school Tuesday of April in each year at the hour and place designated by the executive committee. The executive committee shall send a written notice of the meeting to the several senior representatives not later than two weeks before the date set for the meeting. The treasurer of the association or his representative shall be present at the meeting of the nominating committee. He shall have with him the official membership list of the association and shall certify the number of votes to which each school is entitled in accordance with the schedule in the next following paragraph. For purposes of voting, every school shall be accredited with all memberships paid before and up to the hour set for the meeting of the nominating committee of senior representatives.

The nominating committee as described in the preceding paragraph shall elect a Chairman and a Secretary, and shall then proceed to nominate candidates for the several offices. Voting shall be by ballot, and a majority of all the votes cast shall be necessary for nomination. The number of votes which a representative may cast shall depend upon the number of members in the school as certified to by the Treasurer, and shall be in accordance with the following schedule:

<i>Number of Members</i>	<i>Number of Votes Allowed</i>
1 to 25	1
25 to 50	2
51 to 75	3
76 to 100	4
101 to 125	5
126 to 150	6 etc.

Only one candidate shall be nominated for each office.

Within twenty-four hours after the adjournment of the meeting of the nominating committee, the representative who acted as Secretary shall mail to the Secretary of the association the list of candidates for the several offices. To this list both the Chairman and the Secretary of the nominating committee shall affix their signatures. The Secretary of the association, upon receipt of this list, shall, on or before the second school Tuesday in April, send copies for posting to the principals of all the high schools that are represented in the association.

Nothing in this Section shall be so construed as to prevent nominations for the several offices of the association (in addition to those previously made by the nominating committee) from being made from the floor at the time of the regular election.

Sec. 4. Officers shall be elected at the last regular meeting of the school year. Election shall be by ballot, and a majority of the votes cast shall be necessary for an election.

ARTICLE V—*Board of Representatives*

Section 1. There shall be a board of representatives consisting of the members of the executive committee and of the representatives chosen from the several high schools; each school is to be entitled to one representative for every ten members of the association, provided, however, that each school shall be entitled to at least one representative.

Sec. 2. After 1905, representatives shall be elected by ballot during the week preceding the regular meeting in May, and shall hold office for one year; in 1905, the time of election shall be fixed by the executive committee. Due notice of such election shall be given to each school by the President. Vacancies shall be filled by special election by members in the school concerned.

Sec. 3. The board of representatives shall meet on the last school Tuesday of each month, excepting September and June, and shall have the power to act upon all matters affecting the association.

Sec. 4. The President of the association shall be *ex-officio* chairman of the board of representatives.

ARTICLE VI—*Committees*

Section 1. There shall be an executive committee, consisting of the four officers and five other members chosen by ballot at the same time and in the same manner as the officers. The executive committee shall approve all appropriations of funds and shall audit and direct the payment of all bills.

Sec. 2. There shall be a committee on teachers' interests consisting of nine members, including the President. This committee shall be appointed by the President to serve for one year and shall report monthly to the board of representatives.

Sec. 3. There shall be a committee on secondary education consisting of nine members, including the President. This committee shall be appointed by the President, and shall serve for one year. It shall prepare programs for the four regular meetings of the association and shall report from time to time on matters of educational interest.

Sec. 4. There shall be a publicity committee of three members, appointed by the President, to serve for one year. The chairman of this committee shall be one of the members of the teachers' interests committee. It shall be the duty of this committee to see that the high schools and high school teachers are given intelligent and accurate publicity.

ARTICLE VII—*Meetings*

Section 1. Four regular meetings shall be held every year.

Sec. 2. The meetings shall be held on the first Saturdays of October, December, March and May of each year, unless otherwise

ordered by the executive committee, at a time and place designated by the executive committee. Notice of such meetings shall be mailed to the schools not less than ten days prior to the date of the meetings, and a copy of the proceedings shall be sent to each senior representative to post in his school.

Sec. 3. A special meeting of the association may be called by the executive committee whenever the interests of the association seem to demand it. The President of the association shall be required to call a special meeting upon the demand of ten members of the association. Due notice of such meetings must be given to all members of the association.

Sec. 4. Thirty members of the association shall constitute a quorum for the transaction of all business.

ARTICLE VIII—*Sections*

Section 1. Subject sections shall be organized by the executive committee at the written request of twenty-five members for any authorized subject of instruction in the New York City high schools. Each subject section shall meet at least four times a year and present a report to the association at its annual meeting. Each subject section shall be allowed for incidental expenses 25c per annum for each member from the general funds of the association. Additional appropriations for the expenses of the subject sections may be made by the executive committee.

Sec. 2. School sections shall be organized by the executive committee at the request of twenty-five members in any high school or high school annex or session of a double session high school. Each school section shall meet at least four times a year and present a report to the association at its annual meeting. Each school section shall be allowed for incidental expenses 25 cents for each member from the general funds of the association.

Sec. 3. In other respects subject and school sections shall be self-governing. Members of sections shall have the right to appeal to the board of representatives and to the association assembled in regular meeting.

ARTICLE IX—*Dues*

Section 1. The annual dues shall be one dollar, payable at the first regular meeting of the school year.

ARTICLE X—*Amendments*

Section 1. This constitution may be amended at any regular meeting by a three-fourths vote of the members present, provided due notice of the proposed amendment shall have been made at a preceding regular meeting.

ARTICLE XI—*Ratification*

Section 1. This constitution shall go into effect immediately upon its adoption.

Flushing.....	Whitestone Ave., Flushing, L. I., Flushing 0456.	Harold G. Campbell, 237 Madison Ave., Flushing, L. I., Flushing 3065.	835	312	69	58	5	46.6	2	2	637 B	55.6
George Washington.....	P. S. 52, Broadway and Academy St., Mn., Wadsworth 2165.	Arthur A. Boylan, 976 Anderson Ave., Ds., Jerome 2606-W.	467	320			3	38	2	2	767 G	45
Girls'.....	Nostrand Ave. and Halsey St., Bn., Lafayette	William L. Peter, 294 Greene Ave., Bn., Prospect 8968-M.	2061				7	68.4	3	5	679 G	83.4
Girls' Commercial.....	P. S. 42, St. Mark's and Chascon Aves., Bn., Prospect 9926.	Evelyn M. Allan, 106 Ft. Greene Pl., Bn., Prospect 9065.	1538				2	52.5	2	1	1651 G	57.5
Haaren.....	P. S. 43, Robert and Callister Sts., Mn., Canal	R. Wesley Barnham, 1801 Dorchester Rd., Bn., Flushing 6408.	523				2	26	1	7	258 B	36
H. S. of Commerce.....	155 W. 65th St., Mn., Columbus 2932.	Harold E. Barrecl, 1258 President St., Bn., Flushing 1625.	3866				11	120	6	2	3933 B	139
P. S. 67, Mn.....	120 W. 46th St., Mn., Bryant 8114.	Greconor B. Hill, 247 Barclay St., Flushing, L. I., Flushing 0063-I.										
P. S. 166, Mn.....	89th St. near Columbus Ave., Mn., Riverside	Israel Appel, 45 St. Nicholas Terrace, Mn., Morriside 3334.	928	541			7	49	3	1	657 B	60
Jamaica.....	Hillside Ave., Jamaica, L. I., Jamaica 0165.	Charles H. Vealough, 11709 85th Ave., Richmond Hill 0274-R.	3275				128	10	143	7	833 G	163
Julia Richman.....	60 W. 13th St., Mn., Chelsea 4478.	Michael H. Laves, Bay View Pl., Tompkinsville, S. I., Tompkinsville 2684-M.										
Main Bldg.....	60 W. 13th St., Mn., Chelsea 4478.	May E. Broekman, 619 E. 127th St., Mn., Morriside 2920.										
P. S. 9, Mn.....	82d St. and West End Ave., Mn., Schuyler 8437.	Elizabeth Donaldson, 51 Burns St., Forest Hills, L. I., Boulevard 6514-W.										
P. S. 66, Mn.....	421 E. 88th St., Mn., Lenox 9214.	Abbie S. Hodgetts, 450 First Ave., L. I. City Astoria 1751-R.										
P. S. 87, Mn.....	77th St. and Amsterdam Ave., Mn., Schuyler 1175.	Frank L. Bailey, Suffern, N. Y.										
P. S. 96, Mn.....	81st St. and Avenue A, Mn., Rhineland 8330.	Anna Goldberg, 106 Rodney St., Bn.										
P. S. 117, Mn.....	170 E. 77th St., Mn., Rhineland 4880.	Mary B. Underhill, 87 Hamilton Pl., Mn., Audubon 1200.										
P. S. 179, Mn.....	101st St. and Amsterdam Ave., Mn., Riverside 5978.	David L. Arnold, 802 W. 181st St., Mn., Wadsworth 9818.	2693									
Manual Training.....	7th Ave. and 4th St., Bn., South 1380.	Horace M. Snyder, 863 E. 18th St., Bn., Mansfield 1418.					1381	11	140	6	3087 B	163
P. S. 94, Bn.....	Prospect Ave. and Reeves Pl., Bn., South 0024.	J. Clarence Smith, 430 Fourth St., Bn., South 3315-W.										
Morris.....	166th St. and Boston Road, Bx., Intervale 0238.	Elmer E. Bogart, 227 S. Columbus Ave., Mt. Vernon, N. Y., Hillcrest 2485-M.	3760				93	12	124.4	6	2016 B	145.4
Newtown.....	Chicago Ave., Elmhurst, L. I., Newtown 0040.	James D. Dillingham, 189 Denman St., Elmhurst, L. I., Newtown 0579-M.	839	697	62		30	4	57	2	2949 G	65
New Utrecht.....	18th Ave. and 86th St., Bn., Bensonhurst 0711.	Harry A. Potter, 518 68th St., Bn., Shore Road 4981.	524	284			3	32	1	2	902 B	38
Richmond Hill.....	114th St., Richmond Hill, L. I., Richmond Hill 0026.	Irving A. Hazen, Richmond Hill Drive, Richmond Hill, L. I., Richmond Hill 0067-R.	963	711			5	59.4	2	2	865 B	68.4
P. S. 51, Qu.....	Church St., Richmond Hill, L. I., Richmond Hill 7005-W.	Charles A. Stewart, 8524 111th St., Richmond Hill, L. I.										
P. S. 90, Qu.....	Napier and Jamaica Aves., Richmond Hill, L. I., Richmond Hill 6941-JW.	Florence E. Beers, 685 Nostrand Ave., Bn., Lafayette 1464.										
Suyvesant.....	345 E. 15th St., Mn., Suyvesant 3739.	Ernest R. von Nardroff, 397 Madison St., Bn.	3270				13	186.5	8	10	5354 B	217.5
Theodore Roosevelt.....	P. S. 31, Mott Ave. and 144th St., Bx., Mott Haven 2109.		1450				18	4	54	3	323 B	62
P. S. 47, Bx.....	St. Lawrence and Beach Aves., Bx., Westchester 3643.	Edward M. Williams, 1342 Franklin Ave., Bx.									1135 G	
Wadleigh.....	114th St., near 7th Ave., Mn., Cathedral 8292.	Stuart H. Rowe, 104 Hillcrest Ave., Yonkers, N. Y., Yonkers 3632.	2867				9	101	5	5	3106 G	120
Washington Irving.....	40 Irving Pl., Mn., Suyvesant 3292.	Edward C. Zabarskie, 36 W. 93d St., Mn., Riverside 1885.	1306	2641	2158		13	196	8	7	5476 G	224
		Total	37785	24279	756	9993	217	2555.8	116	98	76400	2986.8

OTHER TEACHERS' ORGANIZATIONS

**AMERICAN ASSOCIATION OF HIGH SCHOOL TEACHERS
OF FRENCH**

DANIEL C. ROSENTHAL, President, Bryant High School

EDWARD O. PERRY, Vice-President, George Washington High School

PAULA C. LAMBERT, Secretary-Treasurer, Julia Richman High School

**ASSOCIATION OF FIRST ASSISTANT TEACHERS OF
ENGLISH**

EDWIN FAIRLEY, Chairman, Jamaica High School

**ASSOCIATION OF FIRST ASSISTANT TEACHERS OF
HISTORY**

ERNEST D. LEWIS, President, Evander Childs High School

LEON J. WAYAVE, Vice-President, New Utrecht High School

L. LOUISE ARTHUR, Secretary-Treasurer, Bryant High School

ASSOCIATION OF MALE FIRST ASSISTANTS

WILLIAM T. MORREY, President, Bushwick High School

EDWARD J. McNAMARA, Vice-President, Girls Commercial High School

A. BRODERICK COHEN, Secretary-Treasurer, Eastern District High School

ASSOCIATION OF WOMEN HIGH SCHOOL TEACHERS

ANNA E. MCAULIFFE, President, Newtown High School, Queens

CELESTE C. SWENSON, Secretary-Treasurer, Newtown High School, Queens

CHEMISTRY TEACHERS' CLUB

FRANK P. BUNKER, President, Mount Vernon High School.

ERNEST L. DINSMORE, Vice-President, Boys' High School.

CARL O. VOGELIN, Secretary, Central Commercial and Manual Training High School, Newark, N. J.

CHARLES P. RITTER, Treasurer, Erasmus Hall High School, Brooklyn.

EVENING HIGH SCHOOL TEACHERS' ASSOCIATION

STEPHEN F. BAYNE, President, District Superintendent.

BENJAMIN FROMBERG, Secretary, DeWitt Clinton High School

JAMES D. LAIRD, Treasurer, DeWitt Clinton High School

HIGH SCHOOL CLERICAL ASSISTANTS' ASSOCIATION

M. EVA GLEN, President, Richmond Hill High School
JAMES V. P. SMITH, Vice-President, Stuyvesant High School
M. LOUISE GLAZIER, Secretary, Evander Childs High School
MARION JOHNSON, Treasurer, Erasmus Hall High School

HIGH SCHOOL PRINCIPALS' ASSOCIATION

ARTHUR L. JANES, President, Boys' High School.
ELMER E. BOGART, Secretary, Morris High School.
GILBERT J. RAYNOR, Treasurer, Commercial High School

MALE HIGH SCHOOL TEACHERS' ASSOCIATION

HARRY B. PENHOLLOW, President, DeWitt Clinton High School
LOUIS D. TRUCKENBRODT, Secretary-Treasurer, Washington Irving High School

MODERN LANGUAGE TEACHERS' ASSOCIATION

JACOB GREENBERG, President, Asst. Supervisor Mod. Lang.
HELEN I. BUCK, Secretary-Treasurer, Washington Irving High School.

NEW YORK ASSOCIATION OF BIOLOGY TEACHERS

NELLIE P. HEWINS, President, Newtown High School, Queens.
MARY HAMILTON, Vice-President, Theodore Roosevelt High School, Bronx.
EMILY PLATT, Recording Secretary, Erasmus Hall High School, Brooklyn.
ISABEL LARSEN, Corresponding Secretary, Newtown High School, Queens.
JOHN N. TIETZ, Treasurer, De Witt Clinton High School, Manhattan.

NEW YORK ASSOCIATION OF TEACHERS OF ENGLISH

JACOB C. TRESSLER, President, Newtown High School
ELIZABETH E. KING, Vice-President, Wadleigh High School
MARY V. RIBLET, Secretary-Treasurer, Bryant High School

NEW YORK ASSOCIATION OF TEACHERS OF GERMAN

J. B. E. JONAS, President, DeWitt Clinton High School
MAY G. WENDELL, Secretary, Stuyvesant High School

NEW YORK CHAPTER OF THE AMERICAN ASSOCIATION
OF TEACHERS OF SPANISH

WILLIAM A. BARLOW, President, Curtis High School
FLORENCE E. BEILER, Vice-President, Washington Irving High School
HYMEN ALPERN, Secretary-Treasurer, Stuyvesant High School
GRACIA L. FERNANDEZ DE ARIAS, Corresponding Secretary, New Utrecht High School

NEW YORK CLASSICAL CLUB

ARTHUR A. BRYANT, President, De Witt Clinton High School.
JANE GRAY CARTER, Vice-President, Hunter College.
GEORGE H. BEALE, Secretary-Treasurer, De Witt Clinton High School.
MARGARET Y. HENRY, Censor, Wadleigh High School.

NEW YORK PHYSICAL TRAINING TEACHERS
ASSOCIATION

HENRY J. SILVERMAN, President, Jamaica High School.
JOHN J. ELLERT, Vice-President, George Washington High School.
GEORGE COPELAND, Secretary-Treasurer, Jamaica High School.

PHYSICS CLUB OF NEW YORK

MORRIS MEISTER, President, Teachers' College
FLOYD L. DARROW, Vice-President, Polytechnic Preparatory School
GUY R. THOMAS, Secretary, New Utrecht High School

UNION FRANCAISE DE L'INSTITUTE FRANCAIS AUX
STATS-UNIS

HENRY A. TODD, Chairman Board Trustees, Museum of French Art
McDOUGALL HAWKES, Vice-Chairman, Museum of French Art
LAWRENCE A. WILKINS, Vice-Chairman, Board of Education

WOMEN FIRST ASSISTANTS' CLUB

ANNAH P. HAZEN, President, Eastern District High School
NELLIE P. HEWINS, Vice-President, Newtown High School
ROSEMARY F. MULLEN, Secretary-Treasurer, Washington Irving High
School



DIRECTORY



ABBREVIATIONS

Grades of Licenses and Special Assignments

P	Principal	(Actg)	Acting
1 A	First Assistant	(Adm)	Assigned to Administra-
A	Assistant		tive Duties
Adm A	Administrative Assistant	(Chg An)	Teacher in Charge of An-
Cl A	Clerical Assistant		nex
Lab A	Laboratory Assistant	(Ch)	Chairman of Department
Lib A	Library Assistant	(Coord)	Coordinator

Subjects of Licenses

Acc & Bus Pr	Accounting and Business Practice	H	History
B	Biology	Ital	Italian
C	Chemistry	Joinery	Joinery
Cv	Civics	L	Latin
Class Lang	Classical Languages	M	Mathematics
Coml	Commercial Branches	MD	Mechanical Drawing
Cooking	Cooking	Mod Lang	Modern Languages
D	Drawing	Mu	Music
Dress Mkg	Dress Making	Patrn Mkg	Pattern Making
E	English	PT	Physical Training
Ec	Economics	P Sc	Physical Science
FA	Fine Arts	P	Physics
FHD	Free-hand Drawing	Physiog	Physiography
F	French	Physiol	Physiology
G	German	Sp	Spanish
Gr	Greek	St Tp	Stenography and Type-
			writing
	Sewg	Sewing	

High Schools

BofE	Board of Education Bldg.	Girls	Girls
BR	Bay Ridge	GComl	Girls Commercial
Boys	Boys	HSC	High School of Commerce
Bry	Bryant	Haaren	Haaren
Bwk	Bushwick	Jam	Jamaica
Coml	Commercial	JR	Julia Richman
Curtis	Curtis	MT	Manual Training
DWC	De Witt Clinton	Ms	Morris
ED	Eastern District	Ntn	Newtown
EH	Erasmus Hall	NU	New Utrecht
EvC	Evander Childs	RH	Richmond Hill
FR	Far Rockaway	Stv	Stuyvesant
Flg	Flushing	TR	Theodore Roosevelt
GW	George Washington	Wdl	Wadleigh
	WI	Washington Irving	

Dates of Service

Dates without parentheses refer to commencement of service in the high schools; dates with parentheses refer to service in New York City public schools previous to entering high schools, and to promotion in the high schools.

VIII

SCHOOL OFFICERS

The central office of the Board of Education is at 500 Park Ave., Manhattan. Tel.: Plaza 5580. The Brooklyn office is at 131 Livingston St. Tel.: Main 5890.

Board of Education

- HARRY B. CHAMBERS, 205 E. 176th St., Bx.....Tel. Tremont 3611
115 Broadway, Mn. Tel. Rector 433
1005 East 180th St., Bx. Tel. Fordham 3566
- DR. JOHN A. FERGUSON, 932 Bushwick Ave., Bn....Tel. Bushwick 193
- MRS. EMMA L. MURRAY, 500 Park Ave., Mn.....Tel. Plaza 5580.
- ANNING S. PRALL (President), 160 College Ave., Westerleigh, S. I.
Tel. Port Richmond 1304.
- GEORGE J. RYAN (Vice-President), 236 Lincoln St., Flushing, L. I. Tel.
Flushing 1387. 46 Jackson Ave., L. I. City. Tel. Hunters Pt. 3451.
- ARTHUR S. SOMERS, 988 Sterling Pl., Bn.....Tel. Lafayette 7519.
100 William St., Mn. Tel. Beekman 780.
- M. SAMUEL STERN, 2013 Fifth Ave., Mn.....Tel. Harlem 869
1547 Broadway, Mn. Tel. Bryant 6360.
-

- A. EMERSON PALMER, Secretary, 68 Montague St., Bn...Tel. Main 5832
- THOMAS A. DILLON, Chief Clerk, 722 St. Nicholas Ave., Manhattan.

The meeting room of the Board, and the offices of the Commissioners and of the Secretary, are on the second floor of the Board building.

Board of Superintendents

- WILLIAM L. ETTINGER, Superintendent of Schools (chairman ex-officio), 790 Riverside Dr., Mn.
Hours: Thursday, 3-5 P. M., Room 403, B. of E.
- ANDREW W. EDSON.....400 West 118th St., Mn.
Hours: Thursday, 3-5 P. M., P. S. 10, Eagle and 163d St., Bronx. Saturday, 9 A. M.—12 M., Room 510, B. of E.
- WILLIAM MCANDREW.....2758 Kingsbridge Ter., Kingsbridge, Bx.
Tel. Kingsbridge 3466
Hours: Tuesday, 3-5 P. M., Room 506, B. of E.
- CLARENCE E. MELENEY.....2714 Bedford Ave., Bn.
Hours: Thursday, 3-5 P. M., and Saturday, 9 A. M.—12 M., Room 515, B. of E.
- WILLIAM B. O'SHEA, 145 W. 88th St., Mn.....Tel. Riverside 6364
Hours: Monday, 3-5 P. M., P. S. 17, 327 W. 47th St., Mn.; Wednesday, 3-5 P. M., Saturday, 9 A. M.—12 M., Room 511, B. of E.
- EDWARD B. SHALLOW, 1090 Dean St., Bn.....Tel. Prospect 2555
Hours: Monday, 9 A. M.—12 M., Room 525, B. of E.; 4-5 P. M., 131 Livingston St., Bn.
- EDGAR DUBS SHIMER, 104 Union Ave., Jamaica, L. I...Tel. Jamaica 303
Hours: Monday, 3-5 P. M., P. S. 82, Kaplan Ave. and Hammond St., Jamaica, L. I., Tuesday, 3-5 P. M., 131 Livingston St., Bn.; Saturday, 9 A. M.—12 M., 131 Livingston St., Bn.
- GUSTAVE STRAUBENMULLER, 169 W. 88th St., Mn...Tel. Riverside 8506
Hours: Tuesday, 3-5 P. M., Saturday, 9 A. M.—12 M., Room 508, B. of E.

JOHN H. WALSH.....8502 Ft. Hamilton Ave., Bn.
Hours: Friday, 3-5 P. M., P. S. 50 Driggs Ave. and S. 3d St., Bn. Satur-
day, 9 A. M.-12 M., 1331 Livingston St., Bn. Office, Room 403, B. of E.

THOMAS E. BUSSEY, Secretary.....21 Cliff Ave., Yonkers, N. Y.
Office: Room 512, B. of E.

The meeting room of the Board, and the offices of the several members and of the Secretary, are on the fifth floor of the Board building. A number of the Superintendents also maintain offices in Brooklyn.

Board of Examiners

The offices of the Board of Examiners are on the fourth floor of the Board building.

JAMES C. BYRNES.....80 Franklin Pl., Flushing, L. I.
Hours: Wednesday, 2-4:30 P. M., Room 419, B. of E.

MRS. GRACE STRACHAN FORSYTHE.....20 W. 72nd St., Mn.
Tel. Columbus 257.
Hours: Friday, 2-4:30 P. M., Room 422, B. of E.

ROBERT J. FROST.....276 Sterling Place, Bn. Tel. Prospect 6002
Hours: Monday, 2-4:30 P. M., Room 421, B. of E.

WILLIAM R. HAYWARD, 186 Hamilton Ave., New Brighton, S. I.
Tel. Tompkinsville 2699.
Hours: Saturday, 9:00 A. M.-12 M., Room 422, B. of E.

WALTER L. HERVEY.....351 W. 114th St., Mn.
Hours: Thursday, 2-4:30 P. M., Room 417, B. of E.

JOSEPH H. SHEEHAN, 12 St. Charles Place, Bn. Tel. Prospect 250-W
Hours: Tuesday, 2-4:30 P. M., Room 421, B. of E.

GEORGE J. SMITH (Chairman).....260 W. 57th St., Mn.
Hours: Saturdays, 9:00-12 M., Room 415, B. of E.

FRANK V. DALY, Secretary.....133 Lefferts Ave., Bn.
Office: Room 422, B. of E.

District Superintendent Assigned to High Schools

JOHN L. TILDSLEY, Spuyten Duyvil, Bx.....Tel. Kingsbridge 132-W
Office: Room 515, B. of E.

Directors of Special Branches

HERMAN H. WRIGHT, Director of High School Organization, 238
Amity St., Flushing, L. I.
Office: Room 515, B. of E.

LAWRENCE A. WILKINS, Director of Modern Languages in High
Schools, 598 W. 191st St., Mn. Tel. Wadsworth 2150.
Office: Room 305, B. of E.

Special Assignments

FRANK A. REXFORD, Agriculture, Civics, General Science, 445 3d St., Bn.
Tel. South 2131-W.
Office: Room 305, B. of E.

ALBERT G. BELDING, Commercial Subjects, Winchester Pl., Lawrence,
L. I. Tel. Far Rockaway 2615.
Office: Room 515, B. of E.

IX

ADMINISTRATIVE AND DEPARTMENTAL ORGANIZATION OF THE HIGH SCHOOLS

BAY RIDGE HIGH SCHOOL

Fourth Avenue and Sixty-seventh Street, Brooklyn
Tel. Shore Road 1131

KATE E. TURNER, *Principal*
Hotel Woodstock, Manhattan
Tel. Bryant 3010

MABEL R. BENWAY, *Administrative Assistant*
62 Pierrepont St., Brooklyn
Tel. Main 5832

Annex

P. S. 104, FIFTH AVE. AND 92ND ST., BROOKLYN
Tel. Shore Road 1273

IDA M. STAHL, *Teacher in Charge*
152 Lincoln Pl., Brooklyn
Tel. Sterling 2145

CONANT, OCTAVIA M.....	Clerical Assistant
DENHAM, SIDONIE B.....	Clerical Assistant
ISLES, EDITH W.....	Clerical Assistant
POTTER, SADIE R.....	Clerical Assistant
CROOKS, MURIEL A.....	Library Assistant
McKNIGHT, ELIZABETH B.....	Library Assistant

ACCOUNTING AND BUSINESS PRACTICE

EMIL GLUCK, *Chairman*
1590 Amsterdam Ave., Manhattan
Tel. Audubon 5824

Ackerman, Dorothy S.
Arnold, Edith S.
Baker, Helen M.

Hunt, Lucille R.
Putz, Edward H.
Stahl, Ida M.

BIOLOGY

LOUISA BRUCKMAN, *Chairman*
209 West 97th St., Manhattan
Tel. Riverside 3265

Baggs, Martha

Barclay, Margaret

CIVICS

LOLABEL H. HALL, *Chairman*
466 74th St., Brooklyn
Tel. Shore Road 4108

Garrett, Sara
Kupfer, Ernestine C.

Reed, Nellie M.
Wheat, Grace A.

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MARGARET WILLIAMS, *Chairman*
240 78th St., Brooklyn
Tel. Shore Road 1215-W

DRAWING

ALMA L. HAMILTON, *Chairman*
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Tel. Shore Road 247

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Combs, Adelaide M. W.

Isles, Maude M.
Munger, Ethel T.

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MARION I. WEEKS, *Chairman*
511 8th St., Brooklyn
Tel. South 3323-M
Briley, Elsie N.

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MABEL A. BESSEY, *Chairman*
64 Monroe St., Brooklyn
Tel. Prospect 5213-J.

Brady, Helen E.
Coffin, Isabelle P.
Harding, Helen E.
Heilbrunn, Stella
Higgins, Frances C.

Mix, R. Grace
Murphy, Edith H.
Phillips, Sara J.
Powers, Florence M.
Ryan, Monica

Wicks, Helen D.

HISTORY

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478 Washington Ave., Brooklyn
Tel. Prospect 6204

Donovan, Bernard J.

Murphy, Florence S.

Rubinstein, Jacob

LATIN

ANNA L. HARDY, *Chairman*
705 St. Mark's Ave., Brooklyn
Tel. Lafayette 9451

Allen, Winifred S.

Medalie, Carrie K.

O'Brien, Josephine G.

MATHEMATICS

ELMER SCHUYLER, *Chairman*
87 71st St., Brooklyn
Tel. Shore Road 2773-W

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Mackay, David L.

Watrous, Louise E.
Weaver, Robert L.

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424 Senator St., Brooklyn
Tel. Shore Road 1092

Balbin, Florinda
Blodget, Bertha
Bruning, Emilie E.
Faust, Charlotte C.
Fleming, Gemma H.

Henrichs, Edna
Morrill, Frances U.
Noto, Rosa
Scharff, Violette E.
Tobin, Kate H.

MUSIC

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813 Putnam Ave., Brooklyn
Tel. Bushwick 6447
Thompson, Miriam A.

PHYSICAL SCIENCE

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606 72nd St., Brooklyn

Cassett, Edith

Robinson, L. Archibald

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RUTH W. SMITH, *Chairman*
144 E. 22nd St., Manhattan
Tel. Gramercy 1574

Cuno, Violette B.
Hamilton, Mercedes W.
Harris, Miriam

Morris, Constance
Randall, Bernice E.
Schilling, Helen

Smith, Ruth W.

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CARRIE GAYNOR, *Chairman*
165 Prospect Pk. West, Brooklyn
Tel. South 6649

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CONRAD J. SAPHIER, *Chairman*
1062 Carroll St., Brooklyn
Tel. Lafayette 3585

Catren, Ida M.
Cawley, Charles A.

Keenan, Irene D.
Morrill, Abbie A.

BOYS' HIGH SCHOOL

Marcy and Putnam Avenues, Brooklyn
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ARTHUR L. JANES, *Principal*
275 Clinton Ave., Brooklyn
Tel. Prospect 4164

EDWARD B. PARSONS, *First Assistant*
488 Macon St., Brooklyn
Tel. Lafayette 3017-W

HAROLD C. SPRAGUE, *Assistant*
10020 Garrison St., Hollis, L. I.
Tel. Hollis 6380-M

DAVID H. MOSKOWITZ, *Assistant*
1544 President St., Brooklyn
Tel. Lafayette 1065

HENRY T. ALDEN
185 Quincy St., Brooklyn
Tel. Lafayette 6582

Annexes

P. S. 3, BEDFORD AVE. AND JEFFERSON AVE., BROOKLYN
Tel. Lafayette 7736

ROBERT I. RAIMAN, *Teacher in Charge*
248 Park Place, Brooklyn
Tel. Prospect 1147-W

P. S. 33, HEYWARD ST., NEAR BROADWAY, BROOKLYN
Tel. Williamsburg 3082

CHARLES E. HUGHES, *Teacher in Charge*
474 Eighth St., Brooklyn
Tel. South 6469-W

CETRON, CELIA.....	Clerical Assistant
FITZGIBBON, MARY A.....	Clerical Assistant
GREENBURG, SOPHIA	Clerical Assistant
MILLER, ADELAIDE	Clerical Assistant
PARKER, S. RIDLEY.....	Library Assistant
POPE, SETH E.....	Library Assistant

BIOLOGY

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Tel. Flatbush 9111-W

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Hanna, Albert S.	Pasternak, Jesse
Hughes, Charles E.	Richardson, Roy S.
Jordan, C. Victor	Winston, Samuel

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Paucek, George	Steigman, Max

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Bryan, Jennie B.

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Boyd, Maurice C.

Emmons, Bertha E.

Hubbard, Florence

Messenger, John

White, Walter C. L.

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Strauss, Joseph B.

Wolfson, George

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Tel. Lafayette 492-J

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Clark, A. Mortimer

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Clarke, James J.

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Esselstyn, Henry H.

Hanson, George C.

Hess, Leonard L.

Johnston, Henry H.

Korey, Abraham J.

Littwin, Maxwell F.

Lucas, Hardin

McCartney, Hoge

Munson, Daniel G.

Neumann, Joshua H.

Pohl, Frederick J.

Riecker, William

Wilson, Catherine

Zehner, Dorothy

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Tel. Main 3389

Becker, Clarence H.

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Grimshaw, Henry E.

Jacobs, Leo

Jewell, Marion D.

Marness, Louis

Murphy, Marie E.

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Parsons, Herbert H.

Ryan, William J.

Smallheiser, Albert Lee

Swanton, Richard L.

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Tel. Cathedral 8385

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 Edwards, William H.
 Hobson, George P. F.
 Hopkins, Walter D.

Hoadley, Harwood
 Jones, Frederick B.
 Lind, Jacob J.
 Mann, Jacob
 Schryver, George O.
 Stevenson, J. Allison
 Stryker, Russell F.

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 Blanchard, D. Hiram
 Cahill, John
 Dickler, Nathan N.
 Downing, George B.
 Dolgenas, Jacob A.
 France, Sanford D.
 Freilich, Aaron
 Johnson, Ellis A.
 Kaplan, Samuel R.

Kaplowitz, Maurice
 Kennedy, Patrick J.
 Leskowitz, Albert
 Levy, Abraham
 McCabe, John P., Jr.
 Moskowitz, David H.
 Stone, Limond C.
 Thompson, Arthur H.
 Wilson, Sinclair J.
 Woodruff, Frank E.

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 Courtenaye, Juanita
 Carpentier, Marius A.
 Eaton, Arthur L.
 Fontaine, Andre C.
 Haller, Ralph W.
 Kerby, Joseph J.

Klein, Leopold
 Muller, Walter J.
 O'Neil, William R.
 Reynolds, Lewis G.
 Rosenthal, Frances C.
 Swann, Harvey J.
 Tausk, Alfred M.

Wilson, Charles B.

MUSIC

GEORGE C. FLINT, *Chairman*
 401 Macon St., Brooklyn
 Tel. Decatur 1722

Dailey, Frances A.

Martin, Paul

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WILLIAM H. ANDREWS, *Chairman*
 265 Hawthorn St., Brooklyn
 Tel. Flatbush 7151-W

Carroll, Arthur T.
 Fairchild, Ralph P.
 Friedman, Saul
 Gallin, Jacob
 Gemson, Irving

Kersey, P. Joseph
 Kinoy, Albert
 Robinson, Harry W.
 Roe, Paul E.
 Skipp, Francis E.

Wellington, Guy

PHYSICS

CLAUDE F. WALKER, *Chairman*
 75 Downing St., Brooklyn
 Tel. Prospect 6012

Curtis, Henry S.

Holt, Henry L.

Sprague, Harold C.

BRYANT HIGH SCHOOL

Wilbur Avenue and Academy Street, Long Island City
Tel. Astoria 40

PETER E. DEMAREST, *Principal*
11 East 87th St., Manhattan
Tel. Lenox 2961

EMMA W. HEERMANCE, *Administrative Assistant*
47 West 49th St., Manhattan

PETERS, LUCY E. Clerical Assistant
TANZER, EDITH P. Clerical Assistant
THAYER, ANNE M. Library Assistant

BIOLOGY

BERTHA CARTER, *Chairman*
287 Jamaica Ave., Long Island City, L. I.

CHEMISTRY

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CIVICS

Joseph, Myrtle J.

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Gerken, Albert	Robinson, Nathaniel
Griffith, Elizabeth M.	Rosenbluth, Henry
Guilfoy, Anna	Saul, Gertrude
Kramer, Herman	Speyer, Henrietta H.

Stager, Selda

COOKING

McIntyre, Edith A.

DRAWING

ELIZABETH GOWANS, *Chairman*
434 West 120th St., Manhattan
Tel. Morningside 8440

Price, Anna G.

Simon, Madelyn

ECONOMICS

Waters, Anna M.

ELOCUTION

Carll, L. Adele

ENGLISH

HARRY K. MUNROE, *Chairman*
54 Woolsey St., Long Island City, L. I.
Tel. Astoria 1710-W

Acker, Margaret K.
Johnston, Marie
Riblet, Mary V.

Vincent, Charlotte M.
Wilmot, Mabel E.
Wresher, Helen E.

HISTORY

L. LOUISE ARTHUR, *Chairman*
107 West 11th St., Manhattan

Dickinson, Florence

Dickson, Tenny V.

LATIN

McMahon, M. Mabel

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CHARLES A. VOGT, *Chairman*
60 Franconia Ave., Flushing, L. I.
Tel. Flushing 3474

Cohen, Henry

Norman, Gerald F.

Drucker, Max

MATHEMATICS

ALBERTA M. WELCH, *Chairman*
153 East 71st St., Manhattan
Tel. Rhineland 9578

Bingham, Nellie H.

Byrne, Margaret C.
Garrity, Julia F.

MODERN LANGUAGES

DANIEL C. ROSENTHAL, *Chairman*
425 West 114th St., Manhattan

Adler, Frieda
Dayhoff, Elsie

Gambier, Louise M.
Schroeder, Anita L.

Snow, Ella M.

MUSIC

Banghart, Elizabeth

PHYSICAL TRAINING

CORNELIA F. WHITE, *Chairman*
500 West 122nd St., Manhattan
Tel. Morningside 4630

Gerstenzang, Robert

Wendel, Mary M.

PHYSICS

Finch, Anna O.

PHYSIOGRAPHY

Darrin, Mary R.

SEWING

Noble, Helen G.

BUSHWICK HIGH SCHOOL

400 Irving Avenue, Brooklyn
Tel. Evergreen 2988

MILO F. McDONALD, *Principal*
23 Randall Ave., Rockville Center, L. I.
Tel. Rockville Center 606-W

ARTHUR L. CROSSLEY, *Administrative Assistant*
West 3d St., Hicksville, L. I.
Tel. Hicksville 101-R

Annexes

P. S. 75, EVERGREEN AVE. AND GROVE ST., BROOKLYN
Tel. Evergreen 6231

WILLIAM T. MORREY, *Teacher in Charge*
362 Riverside Drive, Manhattan
Tel. Academy 1841

P. S. 129, QUINCY ST. AND GATES AVE., BROOKLYN
Tel. Bushwick 3514

LUCY F. MOHAN, *Teacher in Charge*
401 Macon St., Brooklyn
Tel. Decatur 4521

CLARK, F. GRACE.....	Clerical Assistant
CONNOR, EDITH B.....	Clerical Assistant
FINE, ABRAHAM M.....	Clerical Assistant
GREINES, REBECCA	Clerical Assistant
WILLIAMS, LILLIAN E.....	Clerical Assistant
BROWER, JANE	Library Assistant

ACCOUNTING AND BUSINESS PRACTICE

ELIZABETH C. HOULEY, *Chairman*
554 Jefferson Ave., Brooklyn
Tel. Lafayette 8585

Friedman, Samuel L.	Lundy, Edwin S.
Goldberger, Louis K.	McCaffrey, Philip E.
Goldensohn, Joseph A.	Miller, Charles
Healy, Thomas F.	Primoff, Walter
Kanzer, Edward M.	Ravett, Irving

Rohenhaus, Maximilian

DOMESTIC ART

MATTIE B. RIVES, *Chairman*
9 Prospect Park West, Brooklyn
Tel. Prospect 1591

DOMESTIC SCIENCE

GERTRUDE S. HOEG, *Chairman*
1280 Dean St., Brooklyn
Tel. Lafayette 9633

DRAWING

HELEN S. HUTCHINSON, *Chairman*
363 Grand Ave., Brooklyn
Tel. Prospect 2263

Bertschy, Maude
Casey, Ellen R.

Hendrich, Paul
Littig, M. Josephine

Locke, Alice G.

ENGLISH

ELIAS LIEBERMAN, *Chairman*
10 Bleecker St., Brooklyn
Tel. Bushwick 6173

Benjamin, Edith S.
Britton, Josephine
Cohen, Joseph
Collier, Katharine B.
Dietrich, Bertha K.
Doyle, Thomas S.
Grooms, Mary T.
Hannah, Florence
Henderson, Hazel

Jones, May T.
Kane, James J.
Lieberman, Max
Linnell, Wilhelmina A.
Mills, Emily W.
Putnam, Edith C.
Schneider, A. Arthur
Skilton, Clara M.
Woodbury, Ella A.

HISTORY AND CIVICS

PHILIP NANES, *Chairman*
473 Hancock St., Brooklyn
Tel. Lafayette 4436-R

Gore, Anna W.
Hecht, Anna
Johnson, Julius M.

McGill, James V.
Thompson, Lucy I.
Wilson, Anna T.

LATIN

GEORGE M. FALON, *Chairman*
78 72nd St., Brooklyn
Tel. Shore Road 844-R
Smith, Louise

MATHEMATICS

THOMAS A. HUMASON, *Chairman*
235 Brooklyn Ave., Brooklyn
Tel. Lafayette 9383

Briggs, Eva E.
Cohen, Bertha

Goodman, Arthur
Stevens, William S.

MECHANIC ARTS

GEORGE W. NORTON, *Chairman*
8425 112th St., Richmond Hill, L. I.

Bruce, G. Garden
Cady, Henry D.
Gordon, John J.

Green, John C.
Hillyer, Frank H.
Howe, Charles B.

Mersereau, Samuel F.

MODERN LANGUAGES

JOHN A. BOLE, *Chairman*
194 South 9th St., Brooklyn
Tel. Williamsburg 1656

Berkowitz, Louis
Dewing, Edward O.
Goldsmith, Elizabeth
Otten, Henry L.
Peterson, Dorothy K.

Riegger, Elisabeth
Schradiack, Helen E.
Seaman, Mary E.
Swenson, Mary E.
Zorn, Freda

MUSIC

ARTHUR M. TAYLOR, *Chairman*
103 Montague St., Brooklyn
Romm, Edith

PHYSICAL SCIENCE

HARVEY NEWCOMER, *Chairman*
14 Lattin Drive, Yonkers, N. Y.
Tel. Yonkers 757-R

Brace, Charles T.
Brodoski, Alexander

Peavy, Evelyn
Smith, Myrtle A.

Southwell, Etta E.

PHYSICAL TRAINING

WILLIAM B. DURAND, *Chairman* (Boys)
371 Eastern Parkway, Brooklyn
Tel. Prospect 9632
Cohen, Jacob

MARY P. GREEN, *Chairman* (Girls)
493 Washington Ave., Brooklyn
Tel. Prospect 5684

Bidstrup, Elsa
Brown, LuNette M.

Clark, Helen A.
Langdon, Dorothy C.

McConville, Lillian L.

STENOGRAPHY AND TYPEWRITING

ETTA M. FOWLER, *Chairman*
1344 Pacific St., Brooklyn
Tel. Lafayette 1585

Allaire, Ruth
Blodnick, Morris
Clement, Fannie M.
Conant, M. Sybil
Dempsey, Josephine A.
Dundish, Rachel G.

Fiedler, John L.
Geffin, Nadia
Greenwald, Benjamin
Hall, Henrietta
Langdon, Ruth J.
Nevins, Nannie R.

Squires, Martha U.

COMMERCIAL HIGH SCHOOL

Albany Avenue and Dean Street, Brooklyn
Tel. Lafayette 3732

GILBERT J. RAYNOR, *Principal*
1340 Pacific St., Brooklyn
Tel. Lafayette 8431

CLIFFORD H. COON, *Administrative Assistant*
1032 Mansfield Pl., Brooklyn
Tel. Midwood 3919-W

Annex

P. S. 15, 3RD AVE. AND SCHERMERHORN ST., BROOKLYN
Tel. Sterling 701

CHARLES H. TEETER, *Teacher in Charge.*
683 East 14th St., Brooklyn
Tel. Mansfield 1320-J.

BROWNRIGG, JEANETTE S.....	Clerical Assistant
EAGAR, MARY M.....	Clerical Assistant
GREINES, LOTTIE.....	Clerical Assistant
KAPLAN, ISABEL D.....	Clerical Assistant
SCHONERT, IDA H.....	Clerical Assistant
BREVOORT, CARSON.....	Library Assistant
FLETCHER, SHELDON	Library Assistant

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ROY R. MALE, *Chairman*
3813 Avenue I, Brooklyn
Tel. Midwood 6974-R

Adkins, Coston B.	Jenkins, Clyde C.
Anderson, Woodford D.	Keane, Thomas W.
Booth, Frederick M.	Kibby, Warren J.
Bradley, Frederick E.	Kip, Arthur R.
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Hoffman, Alfred L.	Weiss, Morris E.
Honerkamp, William E.	Zarnitz, George H.

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GEORGE C. WOOD, *Chairman*
798 Lincoln Pl., Brooklyn
Tel. Lafayette 9985

Beam, Rachel	Hutton, Sarah E.
Brown, Albert M.	Lasswell, Arthur C.
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Donvan, Walter J.	Shircas, Hyman

Tewksbury, Carl H.

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JOHN A. CLARK, *Chairman*
811 Ocean Ave., Brooklyn

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Dillon, Sidney	Newman, Joseph
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563 Howard Ave., Brooklyn

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Trostler, Emil

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CHARLES C. MACGREGORY, *Chairman*
550 East 9th St., Brooklyn
Tel. Flatbush 2762-W
Buchbinder, Anton

ENGLISH

ROBERT P. ST. JOHN, *Chairman*
815 East 14th St., Brooklyn

Bagenstose, Harvey L.
Boland, Joseph
Brown, G. Victor
Campbell, Calvin V.
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Jones, Daisy
Lynch, Thomas F.

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Supnik, Henry F.
Urdang, Harry
Vaughan, Henry J.

FRENCH

ROBERT B. MARVIN
826 Marcy Ave., Brooklyn
Tel. Lafayette 8055-W
Carrel, M. Louis

HISTORY AND CIVICS

THOMAS C. TRASK, *Chairman*
1081 Park Pl., Brooklyn
Tel. Lafayette 7775-J

Attner, Bernice M.
Corwin, Roswell
Cottrell, Royal L.
Donovan, Herbert D. A.
Hopper, Herman T.
Humphries, L. Kyle

Langer, Viola M.
Max, William D.
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Polk, Ellery C.
Taylor, Edward F.
Tobin, James L.

Wayave, Leon I.

MATHEMATICS

RALPH P. BLISS, *Chairman*
2312 Ave. Q, Brooklyn
Tel. Coney Island 1091-M

Lee, Joseph B.

Simpson, Julia

Rosanoff, Lillian

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EDWARD J. A. ZEINER, *Chairman*
1295 Pacific St., Brooklyn
Tel. Lafayette 6225-W
Wilson, George A.

PHYSICAL TRAINING

CHARLES H. CAREY, *Chairman*
300 Parkside Ave., Brooklyn
Tel. Flatbush 6330-M

Brennan, Francis
Lehrer, Isadore D.
Maier, Augustus

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Shean, Chauncey C.

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EARL S. HARRISON, *Chairman*
107 Queens Road, Queens, L. I.
Tel. Hollis 6130-J

Bove, Anthony J.
Colon, G. Torres
Day, Isabelle M.
Eells, Burr G.

Finney, Arthur E.
Hagens, Fritz
Latzke, Pauline
Mercado, Julio

Sternberg, George

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EDWIN A. BOLGER, *Chairman*
426 Kosciusko St., Brooklyn
Tel. Bushwick 1772

Arond, Michael
Chestnut, D. Howard
Denenholz, Alexander
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McKenna, Charles J.

McNamara, Sylvester
Melson, George W.
O'Ryan, William P.
Shea, John J.
Shearer, Robert J.

CURTIS HIGH SCHOOL

Hamilton Avenue, New Brighton, S. I.
Tel. Tompkinsville 351

DANIEL D. FELDMAN, *Principal*
19 Belmont Terrace, New Brighton, S. I.
Tel. Tompkinsville 1537

WILLIAM F. TIBBETTS, *Administrative Assistant and First Assistant*
8 Sherman Ave., Fort Wardsworth, S. I..
Tel. Tompkinsville 1158-M

Annex

P. S. 20, PARK AVENUE, PORT RICHMOND, S. I.
Tel. West Brighton 1467

FRANCIS E. BREWER, *Teacher in Charge*
41 Hamilton Ave., New Brighton, S. I.
Tel. Tompkinsville 2069

HANDY, EDITH B.....	Clerical Assistant
REINHOLD, ALIDA B.....	Clerical Assistant
PHILLIPS, JULIA T.....	Library Assistant

ACCOUNTING AND BUSINESS PRACTICE

HOWARD M. TRACY, *Chairman*
 403 Oakland Ave., West New Brighton, S. I.
 Tel. Port Richmond 907-M

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Duggan, Edward	Kinnan, Wilmer

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ECONOMICS

Kerr, Frank E.

ELOCUTION

Nichols, Eda L.

ENGLISH

FRANCES H. ABBOT, *Chairman*
 9 St. Mark's Pl., New Brighton, S. I.
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Burrows, Helen J.	Robins, Florence L.
Close, Maud M.	Stagen, Ruth M.
Craig, Mary C.	Whitmore, Clara H.
Philp, Mary I.	Williams, Helen W.

HISTORY

WILLIAM W. ROGERS, *Chairman*
 26 Scribner Ave., New Brighton, S. I.
 Tel. Tompkinsville 689-W

Curtis, Osborn Marcus	Goodwin, W. Grant
Meade, Mary E.	

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MARION PRATT, *Chairman*
 112 Stuyvesant Pl., New Brighton, S. I.

Corcilus, Inez	Gallagher, Ellen M.
Goode, Elizabeth	

MATHEMATICS

EDWARD A. HOOK, *Chairman*
 11 Winter Ave., New Brighton, S. I.
 Tel. Tompkinsville 62-J

Burdick, Mabel G.	O'Brien, Charlotte E.
Kane, Thomas F.	Russell, Helen

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WILLIAM M. BARLOW, *Chairman*
 302 Stanley Ave., Tompkinsville, S. I.

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Dare, George S.

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Morris, John W.

Malloy, John F.

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ABEL J. GROUT, *Chairman*
 90 Third St., New Dorp, S. I.
 Tel. Dongan Hills 330-J

Dowell, Philip
 Fisher, Ruth B.

McMillen, Harlow
 Walthall, Margaret V.

STENOGRAPHY AND TYPEWRITING

WILLIAM FLANAGAN, *Chairman*
 102 Westervelt Ave., New Brighton, S. I.

Augenstern, Michael

Crennan, Margaret A.

DEWITT CLINTON HIGH SCHOOL

Fifty-ninth Street and Tenth Avenue, Manhattan

Tel. Columbus 5049

FRANCIS H. J. PAUL, *Principal*
 35 Bow St., Forest Hills, L. I.
 Tel. Boulevard 6722

OSCAR W. ANTHONY, *First Assistant*
 Plandome, L. I.
 Tel. Manhasset 348-J

AARON I. DOTEY, *First Assistant*
 48 Adrian Ave., Manhattan
 Tel. Marble 764

HARRY B. PENHOLLOW, *Administrative Assistant*
 122 West 114th St., Manhattan
 Tel. Cathedral 8132

Annexes

P. S. 37, 113 EAST 87TH ST., MANHATTAN
 Tel. Lenox 7198

CHARLES E. TIMMERMAN, *Teacher in Charge*
 269 North Grove St., East Orange, N. J.

P. S. 58, 317 WEST 52ND ST., MANHATTAN
 Tel. Circle 1231

ALFRED S. ROBERTS, *Teacher in Charge*
 1109 College Ave., Bronx
 Tel. Jerome 1526

HERZOG, CHARLES.....	Assistant
WORSTELL, HELEN S.	Assistant
BRADY, ANNA F.....	Clerical Assistant
GRISWOLD, CAROLINE.....	Clerical Assistant
GUIRY, LILLIAN A.....	Clerical Assistant
MARGOLIES, FRED B.....	Clerical Assistant
MULLIN, MARY V.....	Clerical Assistant
NASH, MORRIS.....	Clerical Assistant
O'CONNOR, JOHN P.....	Clerical Assistant
ARDEN, HARRIETTE.....	Library Assistant
VAN VLIET, FLORENCE E.....	Library Assistant

ACCOUNTING AND BUSINESS PRACTICE

WILLIAM VOLCKHAUSEN, *Chairman*

433 West 162nd St., Manhattan

Tel. Wadsworth 6052

Brody, Alexander

BIOLOGY AND GENERAL SCIENCE

EDGAR A. BEDFORD, *Chairman*

Cherokee Ave., Hollis, L. I.

Tel. Hollis 6147-W

Atwood, Walter S

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Bruggeman, Josephine

Donaldson, George

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Hopping, Aleita

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Smith, Marguerite

Tietz, John W.

Tuthill, Dorothy P.

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JESSE E. WHITSIT, *Chairman*

146 West 55th St., Manhattan

Tel. Circle 4118

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Goldfarb, Israel

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Mayforth, Valentine

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Smith, Herbert O.

Whitney, Harold H.

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EDMUND W. FOOTE, *Chairman*

93 Lincoln St., Montclair, N. J.

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GEORGE K. GOMBARTS, *Chairman*

300 East 163rd St., Bronx

Tel. Melrose 5066

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Schwartzbach, Peter A

Spector, Thomas

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Zacharie, Jean B.

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J. B. EDWARD JONAS, *Chairman*
529 West 179th St., Manhattan
Campbell, Ralph

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FAYETTE E. MOYER, *Chairman*
87 Grove St., Montclair, N. J.
Tel. Montclair 2238-M

DeLaney, Edward C.
Fay, Harrison G.
Goldbloom, Simon L.
Guernsey, Irwin S.
Hamm, William A.
Herbert, Le Roy S.

Houriham, Daniel B.
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Radenhausen, Paul

Thomas, Harrison C.

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120 Convent Ave., Manhattan
Tel. Morningside 4576

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Yokel, Arthur	

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RANDOLPH F. CLARK, *Chairman*
194 Christie Heights, Leonia, N. J.
Tel. Leonia 532-R

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Spivack, Louis B.	

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3 West 104th St., Manhattan

West, Louis F.	Williams, Homer E.
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11 Maitland Ave., West Englewood, N. J.

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Haug, Emanuel	Palmer, Leonard L.

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344 Harrison Ave., Hasbrouck Heights, N. J.
Tel. Hasbrouck Heights 136-W

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Tortora, Albert	

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505 West 124th St., Manhattan

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EASTERN DISTRICT HIGH SCHOOL

Marcy Avenue and Keap Street, Brooklyn
Tel. Williamsburg 4565

WILLIAM T. VLYMEN, *Principal*
379 Front St., Hempstead, L. I.
Tel. Hempstead 689

STUART WILSON, *Administrative Assistant*
703 Sterling Place, Brooklyn
Tel. Prospect 9217-W

Annex

P. S. 51, MEEKER AVE. AND HUMBOLT ST., BROOKLYN
Tel. Greenpoint 5549

ANNA L. PHILLIPS, *Teacher in Charge*
34 Jefferson Ave., Brooklyn
Tel. Prospect 3300

BANNON, AGNES R.....	Clerical Assistant
LEWIS, ETHEL F.....	Clerical Assistant
McGEE, ANNA F.....	Clerical Assistant
O'BRIEN, EUGENIE M.....	Clerical Assistant
BERTEMY, LAURA M. J.....	Library Assistant

BIOLOGY

ANNAH P. HAZEN, *Chairman*
68 Washington Square, Manhattan
Tel. Spring 1021

Brace, Edith M.	Osborne, Mabel E.
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Warner, Margaret B.	

CIVICS

EUGENE A. COLLIGAN, *Chairman*
531 Ocean View Ave., Woodhaven, L. I.
Tel. Richmond Hill 2258-M
Smith, Mary J.

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WALTER JACOBSON, *Chairman*
977 Tiffany St., Bronx
Tel. Intervale 4242

Blumenberg, Frieda	Kretschmar, Magda
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Unger, Gertrude N.

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469 Washington Ave., Brooklyn
Tel. Prospect 5600

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CHARLES S. HARTWELL, *Chairman*
685 Nostrand Ave., Brooklyn
Tel. Lafayette 7165-W

Ayres, Mary S. Myers, Willard I..
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Hincken, Elsie O. Stratford, Aline
Mandel, Bertha E. Warren, James P.
Zollinoffer, Sophie

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185 Gates Ave., Brooklyn
Tel. Prospect 8799-M

Beeckman, Florence L. Rubel, Jacob A.
Klock, Claude W. Watson, Alice D.

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Brokaw and Lowell Aves., Floral Park, L. I.
Tel. Floral Park 79-W

Davenport, Florence C. King, Helen L.
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Duffy, Katherine H. Russum, Ruth E.
Greene, Henry Wagenschutz, Anna
Kiso, Freda Weymann, Lynda C.

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MARY G. ENNIS, *Chairman*
36 Rutland Road, Brooklyn
Tel. Flatbush 730
Campbell, Joseph A.

PHYSICAL SCIENCE

WILLIAM A. KAUFFMAN, *Chairman*
183 Keap St., Brooklyn
Branower, Solomon

PHYSICAL TRAINING

CHARLES MODEL, *Chairman*
427 Knickerbocker Ave., Brooklyn
Tel. Evergreen 3263

Brown, Herman
Leveridge, Ethel
Partridge, Marie

Smallheiser, Annette
Sperling, Harry
Zenker, Helen

Zuckerman, Rose

ERASMUS HALL HIGH SCHOOL

Flatbush Avenue, Near Church Avenue, Brooklyn
Tel. Flatbush 288

J. HERBERT LOW, *Principal*
177 Woodruff Ave., Brooklyn
Tel. Flatbush 1381

KATHARINE I. HODGDON, *Administrative Assistant*
314 East 21st St., Brooklyn
Tel. Flatbush 1786-J

HARTON, AMY M.....	Clerical Assistant
HOOK, MARY A.....	Clerical Assistant
JOHNSON, MARION	Clerical Assistant
McKECHNIE, ELIZABETH M.....	Clerical Assistant
KINGSBURY, MARY A.....	Library Assistant

BIOLOGY

CYRUS A. KING, *Chairman*
387 East 5th St., Brooklyn
Tel. Flatbush 3905-J

Hurty, Kathleen
Marsden, Nellie S.
O'Connell, Eugenie
Platt, Emilie L.
Stanton, Anna E.

Tompkins, Elizabeth M.
Tredick, Helen F.
Vedder, Estella M.
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Young, Mabel A.

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JOHN H. STOCKER, *Chairman*
197 East 17th St., Brooklyn
Tel. Flatbush 1576-W

Bryant, Frank L.
Hancock, William J.
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Jaquish, Ben M.
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Ritter, Charles P.

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J. LEWIS STOCKTON, *Chairman*
248 Stratford Road, Brooklyn
Tel. Flatbush 8316

Elbert, William

Holmes, Mary H.

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ALIX S. CAMERON, *Chairman*
34 Wellington Court, Brooklyn
Tel. Mansfield 2243-J

Beebe, Dee
Currier, Clara L.
Doggett, Allen B.

Herrington, Agnes M.
Latham, Elizabeth B.
Loveill, Katherine A.

Merchant, Manton E.

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MacNamara, Elizabeth

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421 East 18th St., Brooklyn
Tel. Flatbush 8337

Barber, Cora L.
Bates, Grace M.
Battell, John M.
Boughton, Willis
Boxold, Agnes
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Crockett, Esther M.
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St. John, Emily P.
Weirich, Marjorie C.

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428 E. 17th St., Brooklyn
Tel. Flatbush 3192

Allen, Luella M.
Browne, Frances E.
de Lautreppe, Waldemar
Douglas, Clara M.

Geer, Helena
Sparks, Minnie E.
Taylor, Marion L.
Weberman, Benjamin

Wight, Walter A.

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Leggett, Blanche G.

HISTORY

GEORGE E. BOYNTON, *Chairman*
304 East 18th St., Brooklyn

Boyle, Isabel	Fay, Charles R.
Chesley, Mabel L.	Haviland, Edith
Corey, Grace	Hood, Josephine
Crane, Ella E.	Knowlson, Walter S.
Cunningham, Maude M.	MacColl, Grace B.
Davis, Jennie M.	Madden, Marie R.

LATIN

EUGENE W. HARTER, *Chairman*
121 Marlborough Road, Brooklyn
Tel. Flatbush 448

Beardsley, Frank J.	Neiswender, Ada B.
Connell, J. Wesley	Peabody, Susan P.
Estes, Charles S.	Scott, Izora
Harley, Walter S.	Stacey, Sidney G.
McCarty, Maria C.	Stone, Katharine W.
McGill, Franklin C.	Townsend, Arthur M.

Volentine, Mary F.

MATHEMATICS

STEPHEN EMERY, *Chairman*
317 E. 21st St., Brooklyn
Tel. Flatbush 8593

Berg, Harriet	Jeffs, Eva E.
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Brickelmaier, Alice G.	Lasher, William R.
Cerow, Georgia	MacLean, Donald C.
Crespi, Alberta R.	Rosenblatt, Sallie
Duncan, Edith M.	Rothholz, Meta
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Edgell, Frank D.	Strom, Carl A. W.
Fiebig, Emma	Whitney, N. Bell

Wilder, George F.

MUSIC

CARL G. SCHMIDT, *Chairman*
246 Hancock St., Brooklyn
Tel. Lafayette 6988

Elmer, Lewis

Mulligan, Mary C.

PHYSICAL TRAINING

KATHARINE C. EDGELL, *Chairman*
1418 East 17th St., Brooklyn
Tel. Midwood 2633

Austin, Mary E.	Smith, Madelein W.
Dibble, Margaret L.	Warner, Elma L.
McGlue, Anne	Watters, Edith

Wolf, S. Louise

RICHARD E. ELLIFFE, JR., *Chairman*
310 Mosholu Parkway, Bronx
Tel. Fordham 2547

Batchelor, Charles B.	Crooke, Maxwell A.
Beinert, John L.	O'Connell, Edward J.

Stratton, William

SPANISH

ALICE C. HOWE, *Chairman*
275 Ocean Ave., Brooklyn
Tel. Flatbush 7681

Cameron, Margaret
Coleman, Cora L.
Dennis, Julia B.

Fiebig, Anna
Holcke, Harriet A.
Perkins, Helen L.

Varney, Grace D.

STENOGRAPHY AND TYPEWRITING

SARAH P. FOSTER, *Chairman*
1819 Beverly Rd., Brooklyn
Tel. Flatbush 7434

Bradburn, Grace

Schenone, Adelaide L.

EVANDER CHILDS HIGH SCHOOL

184th Street and Creston Avenue, Bronx
Tel. Fordham 641

GILBERT S. BLAKELY, *Principal*
2207 University Ave., Bronx
Tel. Fordham 228-W

HENRY I. NORR, *Administrative Assistant*
1893 Washington Ave., Bronx
Tel. Tremont 2262

ALICE G. VAN SANTVOORD, *Clerical Assistant*
244 South Broadway, Yonkers, N. Y.
Tel. Yonkers 6489

Annexes

P. S. 8, MOSHULU PARKWAY, BRONX
Tel. Fordham 6188

HENRY W. KEIGWIN, *Teacher in Charge*
24 North Ninth Ave., Mt. Vernon, N. Y.
Tel. Mt. Vernon 2270-M

P. S. 16, 240TH ST. AND MATILDA AVE., BRONX
Tel. Woodlawn 1075

JESSE H. HALEY, *Teacher in Charge*
2831 Valentine Ave., Bronx
Tel. Fordham 1037

P. S. 46, 196TH ST. AND BRIGGS AVE., BRONX
Tel. Fordham 2034

CLAYTON G. DURFEE, *Teacher in Charge*
732 East 234th St., Bronx
Tel. Woodlawn 1880

BYRON, LILLIAN V.....	Clerical Assistant
GLAZIER, M. LOUISE.....	Clerical Assistant
HEALY, MARGARET E. G.....	Clerical Assistant
HESS, LUISE E.	Clerical Assistant
SABIN, DAISY B.....	Library Assistant

ACCOUNTING AND BUSINESS PRACTICE

FRANK P. BALTZ, *Chairman*
371 West 119th St., Manhattan
Tel. Morningside 3771

Altholz, Nathaniel	Jason, Simon J.
Beitel, Helen S.	Kurke, George S.
Donohoe, John A.	Lipschutz, Berthold
Guldner, Charles M.	Long, Reuben L.
Humphries, George F.	McQuade, Regina F.
Van Tuyl, George H.	

BIOLOGY

PAUL B. MANN, *Chairman*
2293 Sedgwick Ave., Bronx
Tel. Fordham 1252

Gluck, Marguerite L.	Merchant, Isabel L.
Hastings, George T.	Pingrey, Cora E.
High, Caroline Y.	Russell, Helen G.

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Low, Clara M.	Nightingale, Irene L.
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ENGLISH

DUDLEY H. MILES, *Chairman*
70 Morningside Drive, Manhattan
Tel. Morningside 1100

Blauvelt, William H.	Raubicheck, Charles W.
Dillon, Olive	Schamus, John B.
Durfee, Clayton G.	Sergeant, Nellie B.
Gross, Elizabeth H.	Spear, Dorothy A.
Haley, Jesse H.	Stapleton, Christopher R.
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Quimby, Ernest S.	Wyllie, Stella M.

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SILVIE G. DE COSTER, *Chairman*
2390 Creston Ave., Bronx
Tel. Fordham 886

McDonald, H. Rosabell	Murray, Isabelle M.
Main, Hugh D.	O'Rourke, Norine
Owens, Ethel I.	

HISTORY AND CIVICS

ERNEST D. LEWIS, *Chairman*
109 West 45th St., Manhattan
Tel. Bryant 3247

A. EVERETT PETERSON, *Chairman*
42 West Fordham Rd., Bronx
Tel. Fordham 2550

Ackerle, Ida V.	Pabst, Grace
Cunniffe, Katherine	Reese, Clare H.
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MacGregor, Isabel M.	Thompson, Annie S.
Moran, Marion F.	Whiffen, Edwin T.
Woodman, Sophie P.	

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Arnold, Fred C.

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HENRY R. PYNE, *Chairman*
1115 Boston Road, Bronx
Tel. Intervale 5200

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Branson, Roswell H.	Strong, William M.
Evans, Austin H.	Williams, Joseph S.

MATHEMATICS

PHILIP R. DEAN, *Chairman*
206 East 200th St., Bronx
Tel. Fordham 3446

Arenwald, Mesmin	Keigwin, Henry W.
Bowman, Leon	Lippe, Adolph A.
Brand, Josephine	Marks, Ethel R.
Fabricius, Alma	Norr, Henry I.
Grant, Eva M.	Vermilya, Mabel

Withers, Samuel C.

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ROBERT H. KEENER, *Chairman*
209 West 97th St., Manhattan
Tel. Riverside 1470

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Bogle, Winifred	Hall, Margaret W.
Eldridge, Paul	Heuermann, Helena F.
Hubbard, Marion L.	

SPANISH

M. MORITZ GREDITZER, *Chairman*
1370 Prospect Ave., Bronx
Tel. Intervale 2578-W

Cheitman, Philip	Mazzoranna, Adele
Herrmann, Anna L.	Reiffer, Elizabeth B.
MacKay, Jennie K.	Tea, Mary A.
Marin, Rafael	Waldman, Mark

MUSIC

GERALD L. REYNOLDS, *Chairman*
2464 Grand Ave., Bronx
Tel. Fordham 2852

Kramlich, Emma F.	Moersberger, Grace L.
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PHYSICAL SCIENCE

WALTER S. HANNAN, *Chairman*
121 Mt. Hope Pl., Bronx
Tel. Tremont 2693

Birnbaum, Simon

Branson, J. Hood

PHYSICAL TRAINING

WALLACE A. MANHEIMER, *Chairman*
2028 Grand Concourse, Bronx
Tel. Fordham 1500

Barry, Bertha B.
Carroll, Ethel M.
Cohn, Harry M.
Edmunds, Maude A.
Lichtman, Flora

O'Connell, Genevieve A.
Ross, Herbert M.
Schulman, Herman
Snow, Rose
Watters, Dorothy

PHYSIOGRAPHY

Bryan, Mary M.

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Bruce, Walter A.
Goldberg, Ida C.
Hirschfeld, Samuel C.

Kelly, John F.
McDermott, Annie
Smith, Harriet K.
Weiser, Samuel

FAR ROCKAWAY HIGH SCHOOL

Far Rockaway, L. I.
Tel. Far Rockaway 85

SANFORD J. ELLSWORTH, *Principal*
1209 MvNeil Ave., Far Rockaway, L. I.
Tel. Far Rockaway 455.

HERTS, ALMA B.....Clerical Assistant

COMMERCIAL BRANCHES

ELDON M. VAN DUSEN, *Chairman*
43 State St., Far Rockaway, L. I.
Tel. Far Rockaway 2615

Cutts, Susan R.
Jeschke, Martha L.

Kiser, Frederick G.
Meyrowitz, Isidor

DOMESTIC SCIENCE

Rogers, Sarah L.

DRAWING

Rogers, Lorana G.

ENGLISH AND ELOCUTION

ELIAS N. CAPLAN, *Chairman*
179 Hancock St., Brooklyn
Tel. Lafayette 7275

Ashe, Emma B. Crim, Adelaide
 Merrell, Katharine

HISTORY, CIVICS AND ECONOMICS

LUDWIG KAPHAN, *Chairman*
1611 11th Ave., Brooklyn
Tel. South 4486-M
Dann, Roland

LATIN

LUCY M. PRESCOTT, *Chairman*
1123 Bayport Pl., Far Rockaway, L. I.
Tel. Far Rockaway 3296
Smith, Florence M.

MATHEMATICS

EMILY M. JENNISON, *Chairman*
1013 Prospect Pl., Brooklyn
Tel. Lafayette 9800

Barbanell, A. Irving White, Dorothy E.

MODERN LANGUAGES

SOPHIA L. BODLER, *Chairman*
1515 Mott Ave., Far Rockaway, L. I.
Tel. Far Rockaway 3875

Brooks, Lea L. Bushong, Alice M.

PHYSICAL TRAINING

RACHEL M. FRENCH, *Chairman*
1369 Cedar Ave., Far Rockaway, L. I.
Tel. Far Rockaway 793
Luft, Harry L.

SCIENCE

EDWIN A. BARNES, *Chairman*
155 Crescent St., Far Rockaway, N. Y.
Tel. Far Rockaway 2030

Bromall, Laura B. Hopkins, Rubert H.

FLUSHING HIGH SCHOOL

Broadway, at Whitestone Avenue, Flushing, L. I.
Tel. Flushing 456

HAROLD G. CAMPBELL, *Principal*
257 Madison Ave., Flushing, L. I.
Tel. Flushing 3065

HYNES, KATHERINE M.....	Clerical Assistant
ZENNER, HENRY W.....	Clerical Assistant
ELY, JEAN.....	Library Assistant

BIOLOGY

Hood, Edward C.	Pulvermacher, William Dean
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COMMERCIAL BRANCHES

ANTHONY W. KLEIN, *Chairman*
 931 Fox St., Bronx
 Tel. Intervale 1144

Carey, Margaret E.	O'Neill, M. Alice
Deihl, Frank E.	Tuerck, William B.

DRAWING

Gardner, Gertrude G.	Swick, Mary S.
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WARREN W. READ, *Chairman*
 4 Cedar Court, Flushing, L. I.
 Tel. Flushing 1573-W

Boynton, Carolyn	Hartill, Rufus M.
Emrick, Anna	Jones, Blanche A.
Flanders, Addie E.	Klein, Margaret A.
Fountain, Emma A.	Schuh, Elsa
Valentine, Anne E.	

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FRANK H. MILLER, *Chairman*
 9 Bullard Pl., Flushing, L. I.
 Tel. Flushing 1636-J

Chapman, Frances E.	Murphy, Henrietta
Freygang, Mildred	Riley, Eugene B.

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Palmer, Mabel B.

LATIN

PAUL R. JENKS, *Chairman*
 41 Mitchell Ave., Flushing, L. I.
 Tel. Flushing 689-W

Case, Florence L.	Lay, Wilfrid
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Thorne, Frederick

MATHEMATICS

ELENA P. NEARING, *Chairman*
 171 Union St., Flushing, L. I.
 Tel. Flushing 1101-J

DeHoff, Leon	Palmer, May T.
Steenek, Adelheit M.	

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JOHN BAUMEISTER, *Chairman*
402 Amity St., Flushing, L. I.
Tel. Flushing 919

Bardenheuer, Clara E.
Ferry, Alice M.

Green, Helen
Reimers, Helene M.

Ross, Annie

MUSIC

Barry, Mary

PHYSICAL SCIENCE

HOWELL R. Wood, *Chairman*
171 Union St., Flushing, L. I.

Barmeyer, George H.

Killen, Arthur H.

PHYSICAL TRAINING

ALANSON L. FISH, *Chairman*
204 Amity St., Flushing, L. I.
Tel. Flushing 1940-R

Livermore, H. Louise

Rhodes, L. Maude

Schawaroach, John T.

GEORGE WASHINGTON HIGH SCHOOL

P. S. 52, Broadway and Academy St., Manhattan
Tel. Wadsworth 2165

ARTHUR A. BOYLAN, *Principal*
976 Anderson Ave., Bronx
Tel. Jerome 2666-W

ELLISON, ETHEL L.....Clerical Assistant

HORGAN, MAYClerical Assistant

ACCOUNTING AND COMMERCIAL LAW

Osgood, Charles R.

Schottland, Max

Tanz, Louis

BIOLOGY

FRANK M. WHEAT, *Chairman*
2483 University Ave., Bronx

Halbert, Louise

Swett, Carolyn P.

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Collins, Mary Rose

Murphy, Virginia

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Jones, Frances E.
Pendleton, Margaret

Pickens, Lila
Sunderland, Florence
Trowbridge, Cornelia R.

HISTORY

HIRAM H. BICE, *Chairman*
345 West 70th St., Manhattan

Bennett, Martha C. Meyer, E. Pennington
Molwitz, Ernestine S.

LATIN

HIRAM H. BICE, *Chairman*
345 West 70th St., Manhattan

Kavanagh, Edward J. Orleans, Joseph B.

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Kelly, David F. Reed, Edna Shaw

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Clarmont and Walworth Aves., Hartsdale, N. Y.

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Kane, Julia A. O'Donnell, Margaret
Schreyer, Emma A.

MUSIC

Conway, Catherine

PHYSICAL SCIENCE

Illich, Louis L. Scudder, John C.

PHYSICAL TRAINING

Ellert, John F. Pulvermacher, Delores

STENOGRAPHY AND TYPEWRITING

Auslander, Armin Gordon, Machen
Brand, Louis Jackson, Agnes A.

GIRLS HIGH SCHOOL

Nostrand Avenue and Halsey Street, Brooklyn
Tel. Lafayette 372

WILLIAM L. FELTER, *Principal*
294 Greene Ave., Brooklyn
Tel. Prospect 8869-M

MABEL WRIGHT, *Administrative Assistant*
1383 Dean St., Brooklyn
Tel. Lafayette 5530

CLARKE, TERESA A.	Clerical Assistant
PATTERSON, MABEL L.	Clerical Assistant
SOLOMON, AUGUSTINA H.	Clerical Assistant
HALL, MARY E.	Library Assistant
KNEIL, MARGARET M.	Library Assistant
NEWTON, MARY I.	Library Assistant

BIOLOGY

MARGUERITE T. LEE, *Chairman*
 66 West 95th St., Manhattan
 Tel. Riverside 3562

Byrnes, Esther F.	Hoffman, Margie E.
Goodrich, Charlotte	Jud, Friedolina C.
Steers, Edna L.	

CHEMISTRY

Jenness, Jennie M.

COOKING

Ober, Alice M.	Perkins, Fannie D.
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DRAWING

MAUDE GARDNER, *Chairman*
 1113 Prospect Place, Brooklyn
 Tel. Decatur 4374

Ketchum, Daisy T.	Spencer, Mary
Stevenson, Beulah E.	

ECONOMICS

Jenkins, Manford M.

ENGLISH

CORDELIA WENDT, *Chairman*
 226 Garfield Pl., Brooklyn
 Tel. South 5635

Cann, Bertha	Miller, Mabel
Clinton, Fanny L.	Roth, Helen M.
Cranch, Alice R.	Stone, Lulu M.
Holman, Mabel L.	Taylor, Jeannette S.
Lupton, Olive M.	White, Bessie R.
Meyers, Marjorie B.	Witherbee, Reta

ELOCUTION

Rae, Anne M.

FRENCH

EARL L. CUSHMAN, *Chairman*
 63 Eighth Ave., Brooklyn

Abbot, Marguerite W.	Junge, Antonie
Daggett, Mabel C.	McCullough, Mary H.

HISTORY AND CIVICS

ROSE H. CAHILL, *Chairman*
989 Sterling Pl., Brooklyn
Tel. Lafayette 5566

Carter, Effie A.	Evans, Beatrice B.
Cooper, Irma J.	Lyle, Edith K.
Couch, Anne M.	Sheely, Jane V.
Denfeld, Charlotte S.	Way, Mary J.
Winslow, Julia E.	

LATIN

CELIA FORD, *Chairman*
84 Downing St., Brooklyn
Tel. Prospect 5376

Briggs, Emily E.	Lumley, Eleanor P.
Dame, Lydia M.	Wakeman, Susan E.
Willard, Gladys	

MATHEMATICS

LORING B. MULLEN, *Chairman*
917 Rugby Road, Brooklyn
Tel. Midwood 2281-W

Barker, M. Ellen	Ingalls, Margaret L.
Chatterton, Minnie E.	Miller, Maud
Hayes, Helen M.	Sullivan, Bessie
Wilson, Zada J.	

MUSIC

Camp, Carrie M.	Joannes, Jules S.
Mattes, Max H.	

PHYSICS

Evans, William F.

PHYSICAL TRAINING

CAROLINE M. WOLLASTON, *Chairman*
47 Hancock St., Brooklyn
Tel. Lafayette 6072-J

Astroff, Mae	Huntington, Belle
Flanagan, Mary A.	Parsons, Sidney T.
Hawksley, Alice	Treadwell, Flora G.

PHYSIOGRAPHY

Schumer, Jacob H.

SEWING

Wilson, Bessie G.	White, Jessie C.
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SPANISH

GRACE F. LUBY, *Chairman*
56 Lefferts Pl., Brooklyn
Tel. Prospect 4530

Harris, Florence B.	Ohl, Rosina
Wisthaler, Johanna S.	

STENOGRAPHY AND TYPEWRITING

MISS FRANK L. DAVIS, *Chairman*
988 Bergen St., Brooklyn
Tel. Prospect 6927-W

GIRLS COMMERCIAL HIGH SCHOOL

P. S. 42, St. Mark's and Classon Avenues, Brooklyn
Tel. Prospect 5926

EVELYN W. ALLAN, *Principal*
106 Ft. Greene Pl., Brooklyn
Tel. Prospect 9665

CASEY, EMILY A.....	Clerical Assistant
FERGENSEN, ETHEL	Clerical Assistant

ACCOUNTING AND BUSINESS PRACTICE

FLORENCE M. KILBURN, *Chairman*
1224 Pacific St., Brooklyn
Tel. Lafayette 9369-W

Bucksey, Addie M.	Seamans, Mary A.
Childs, Lelia M.	Turner, Eva G.
Connelly, Eulalie M.	Waterbury, Nellie
Miller, Grace H.	Wood, Georgiana

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LEND A T. HANKS, *Chairman*
950 Marcy Ave., Brooklyn
Tel. Decatur 1406
Supplee, Mary R.

CIVICS

Eletz, Anna		McCann, Adelaide
	Padve, Meyer	

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INA W. JOHNSTON, *Chairman*
12 Clifton Place, Brooklyn
Tel. Prospect 1451-M
Pond, Pearl F.

ENGLISH

HELEN W. BRYANT, *Chairman*
272 Lewis Ave., Brooklyn

Baker, Katherine S.	McLaury, Mabel
Conklin, Agnes	Seymour, Macy I.
Lewis, Effie L.	Thoma, Wilhelmina
McGinn, Catherine A.	Wood, Mabel

HISTORY

RUTH G. HARDY, *Chairman*
228 Henry St., Brooklyn
Tel. Main 9786

Beck, Sadie		Kennedy, Anna J.
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MUSIC

MARIE M. MERKERT, *Chairman*
736 Macon St., Brooklyn
Tel. Bushwick 2064

PHYSICAL TRAINING

AGNES WILSON, *Chairman*
489 6th St., Brooklyn
Tel. South 1133-J

O'Leary, Alice R.

Reed, Mary A.

MODERN LANGUAGES

ANNA S. JENKINS, *Chairman*
427 Nostrand Ave., Brooklyn
Tel. Lafayette 10269

Babcock, Maude R.

Leistner, Ida

Roman, Louis

STENOGRAPHY AND TYPEWRITING

EDWARD J. McNAMARA, *Chairman*
1809 Avenue O, Brooklyn
Tel. Midwood 2744

Humphrey, Ethel M.

Slocum, Miriam

McKee, Louise

Steinecke, Jeannette A.

Sears, Theresa C.

Wilcox, Stella

Woerner, Matilda E.

HAAREN HIGH SCHOOL

Hubert and Collister Streets, Manhattan
Tel. Canal 4136

R. WESLEY BURNHAM, *Principal*
1801 Dorchester Road, Brooklyn
Tel. Flatbush 6405

FRANK L. BICKMORE, *Co-ordinator*
1159 Dean Street, Brooklyn
Tel. Lafayette 5200

LAURA E. CARPENTER, *Co-ordinator*
103 Morningside Ave., Manhattan
Tel. Morningside 5084

MAUDE MCCAIN, *Co-ordinator*
250 Riverside Drive, Manhattan
Tel. Riverside 2493

ARTHUR J. MACKEY, *Co-ordinator*
247 74th St., Brooklyn
Tel. Shore Road 540-R

ELLEN L. OSGOOD, *Co-ordinator*
20 West 10th St., Manhattan
Tel. Stuyvesant 5170

IDA TRAUTVETER, *Co-ordinator*
250 West 55th St., Manhattan
Tel. Circle 6060

LEWIS C. WILLIAMS, *Placement Assistant*
98 Rutland Road, Brooklyn
Tel. Flatbush 3774

Industrial Annex

MANUAL TRAINING HIGH SCHOOL, SEVENTH AVE. AND
4TH ST., BROOKLYN.
Tel. South 1380

HENRY T. WEED, *Co-ordinator*
1298 Dean St., Brooklyn
Tel. Lafayette 765-R

VIOLET HAVERClerical Assistant

ACCOUNTING AND BUSINESS PRACTICE

Bentley, Mildred

McCain, Blanche

DRAWING

Siegel, Fred

ENGLISH

ROWENA K. KEYES, *Chairman*
260 Gates Ave., Brooklyn
Tel. Prospect 9291-W

Harlo, Nanette F.

House, Nathan C.
Thompson, Corinne A.

HISTORY AND ECONOMICS

Margaret A. Lindquist

MECHANIC ARTS

Howe, Charles B.

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Pasner, Samuel D.

MUSIC

Roselle, Chilion

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Williams, Lewis C.

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Kaylin, Alexander

Putnam, May M

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HARRY W. LEYENBERGER, *Chairman*
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Tel. Floral Park 157-J

Arnold, Frank J.
Messing, Mildred K.

Singer, Ray
Wolfe, Ruth

HIGH SCHOOL OF COMMERCE

155 West Sixty-fifth Street, Manhattan
Tel. Columbus 2932

HAROLD E. BUTTRICK, *Principal*
1258 President St., Brooklyn
Tel. Decatur 1625

JOHN D. MINNICK, *Administrative Assistant*
418 West 118th St., Manhattan
Tel. Morningside 6656

Annexes

P. S. 67, 120 WEST 46TH ST., MANHATTAN
Tel. Bryant 8114

GROSVENOR B. HILL, *Teacher in Charge*
247 Barclay St., Flushing, L. I.
Tel. Flushing 63-J

P. S. 166, 89TH ST., NEAR COLUMBUS AVE., MANHATTAN
Tel. Riverside 7615

ISRAEL APPELL, *Teacher in Charge*
41 St. Nicholas Terrace, Manhattan
Tel. Morningside 5334

BECKER, EDITH P.....	Clerical Assistant
BIEBER, REGINA.....	Clerical Assistant
COLLINS, JOHN A. C.....	Clerical Assistant
HARNETT, RICHARD.....	Clerical Assistant
HERTS, ESTHER V.....	Clerical Assistant
SHWITZER, MYRTLE.....	Clerical Assistant
WINTER, MAY.....	Clerical Assistant

ACCOUNTING AND BUSINESS PRACTICE

RUSSELL T. GREENE, *Chairman*
54 Highwood Ave.
Ridgewood, N. J.

Amster, Isadore
Candee, Benjamin K.
Edelson, Emanuel M.
Glatzer, David J.
Gottlieb, Maurice
Hughes, Carl C.
Jonas, Louis

Kalman, Lasser
King, Merville S.
Kirby, J. Albert
Poutasse, Louis
Rogers, Charles E.
Schwager, Harry
Weinstein, Reuben

BIOLOGY

FRANK O. PAYNE, *Chairman*
1819 Dorchester Rd., Brooklyn
Tel. Flatbush 1299

Clough, Harvey B.
Firman, Arthur B.

Hahn, Clarence W.
Hartwell, Fred W.

Levine, Michael

CHEMISTRY

JOSEPH S. MILLS, *Chairman*
572 Van Courtlandt Park Ave., Yonkers, N. Y.
Tel. Yonkers 1305

Bennett, R. Grant

Horton, Ralph

Wilson, George W.

CIVICS

ALFRED C. BRYAN, *Chairman*
416 Clermont Ave., Brooklyn
Tel. Prospect 4490-M

Beier, Abraham
Gray, Nomer
Levy, Helen M.

Lindquist, Harold S.
Lippman, Louis G.
Sayre, J. Frank

DRAWING

CLARENCE H. SPRAGUE, *Chairman*
1827 E. 15th St., Brooklyn

Ahern, Harry H.
Cooperman, Henry
Grant, Forest

Payant, Felix
Shoudy, Theodore
Wallace, C. Earl

ECONOMICS

ALEXANDER L. PUGH, *Chairman*
Pomona, N. Y.
Tel. Spring Valley 49-F-2

Alexander, Edward
Brennan, Alfred T. V.
Golan, Joseph B.

Lobsenz, Johanna
Mendenhall, Raymond
Regard, Leon

Wibert, Abraham

ELOCUTION

Kane, Edwin A.

ENGLISH

BENJAMIN A. HEYDRICK, *Chairman*
900 Summit Ave., Bronx
Tel. Jerome 3133

Beer, Morris A.
Berk, Louis B.
Blohm, Albert
Buskin, Nathan E.
Carleton, Guy M.
Cherington, Frank B.
Dox, Elmer A.
Drew, Celia A.
Foley, John L.
Gordon, Margery

Griswold, Esther D.
Hall, Henry Marion
Harmon, Lena M.
Lindsey, Frederick R.
May, Alfred
McNeill, John F.
Raphael, Arthur
Reynolds, Ruth
Sable, Amelia P.
Wharton, William P.

HISTORY

ALFRED C. BRYAN, *Chairman*
416 Clermont Ave., Brooklyn
Tel. Prospect 4490-M

Dressner, Samuel
Lefkowitz, Abraham
Masters, Raymond W.

Patterson, William A.
Wilson, Martin L.
Wyckoff, Harriett E.

MATHEMATICS

WILLIAM S. SCHLAUCH, *Chairman*
Hasbrouck Heights, N. J.
Tel. Hasbrouck Heights 37-R

Bowles, Frank C.
Buchsbaum, Nell E.
Duschatko, Alfred
Fallon, George P.
Hance, William
Hurwitz, Joseph
Koch, Ernest H., Jr.

Lagerwall, Charles J.
Lewis, Alfred H.
McCormick, Thomas
Pichel, Margaret
Robinson, Robert
Shipley, James
Smith, L. Brewster

MODERN LANGUAGES

ERWIN W. ROESSLER, *Chairman*
418 Central Park West, Manhattan
Tel. Riverside 4164

Blume, Julius
Busch, Ella A.
Fedter, Brunt
Kaplan, Abraham A.
Montross, Charles
Mintzer, Joseph

Morales, Maria T.
Rallion, Harriet
Remy, Alfred
Rochow, John P.
Skinner, Herbert C.
Thomas, Anita

MUSIC

HARRY W. MILLSPAUGH, *Chairman*
25 Greenvale Ave., Yonkers, N. Y.
Tel. Yonkers 1163 R
Bridgman, William C.

PHYSICAL TRAINING

HARRY E. ALDINGER, *Chairman*
309 Park Ave., Manhattan

Alperin, Daniel
Hendrian, August W.
Mulholland, James V.

Pincus, Max
Reynolds, Percy L.
Rotherhan, Philip J. E.

Van Dam, Emanuel

PHYSICS

HENRY C. CHESTON, *Chairman*
89 Bruce Ave., Yonkers, N. Y.
Tel. Yonkers 1560-R

STENOGRAPHY AND TYPEWRITING

C. WARREN KEAN, *Chairman*
140 High St., Leonia, N. J.
Tel. Leonia 713-W

Baldwin, Edwin F.
 Bryon, Thomas
 Cohen, Henry
 Craver, Edwin H.
 Foerster, John
 Fromberg, Benjamin
 Gilmore, Agnes M.

Goldblatt, Joseph
 Markett, Mark I.
 Mechler, Walt H.
 O'Keefe, David H.
 Rosen, Alexander
 Shepard, Oscar C.
 Silverman, Mollie

JAMAICA HIGH SCHOOL

Hillside Avenue, Jamaica, L. I.
 Tel. Jamaica 165

CHARLES H. VOSBURGH, *Principal*
 11709 85th Ave., Richmond Hill, L. I.
 Tel. Richmond Hill 274-R

ROSCOE A. GRANT, *Administrative Assistant*
 Pennsylvania Ave., Hempstead, L. I.
 Tel. Hempstead 751

HALLINAN, IRENEClerical Assistant
 LEE, MARTHAClerical Assistant
 SCHRAGE, DOROTHYClerical Assistant
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 4 John St., Jamaica, L. I.
 Tel. Jamaica 814-W
 Schaumloeffel, Mildred B

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Tel. Jamaica 171

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13 Hollis Court, Boulevard, Hollis, L. I.

Tel. Hollis 6315-R

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JULIA RICHMAN HIGH SCHOOL

60 West Thirteenth Street, Manhattan
Tel. Chelsea 4478

MICHAEL H. LUCEY, *Principal*
Bay View Place, Tompkinsville, S. I.
Tel. Tompkinsville 2684-M

Annexes

60 WEST THIRTEENTH STREET, MANHATTAN
Tel. Chelsea 4478

MAY E. BROCKMAN, *Teacher in Charge*
619 East 127th St., Manhattan
Tel. Morningside 2920

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Tel. Schuyler 8437

ELIZABETH DONALDSON, *Teacher in Charge*
51 Burns St., Forest Hills, L. I.
Tel. Boulevard 6514-W

P. S. 66, 421 EAST 88TH ST., MANHATTAN
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ABBIE S. HODGETTS, *Teacher in Charge*
450 First Ave., Long Island City, L. I.
Tel. Astoria 1751-R

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Tel. Schuyler 1175

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Suffern, N. Y.

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Tel. Rhinelander 8330

ANNA GOLDBERG, *Teacher in Charge*
106 Rodney St., Brooklyn

P. S. 117, 170 EAST 77TH, MANHATTAN
Tel. Rhinelander 4880

MARY B. UNDERHILL, *Teacher in Charge*
87 Hamilton Pl., Manhattan
Tel. Audubon 1200

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Tel. Riverside 5978

DAVID L. ARNOLD, *Teacher in Charge*
802 West 181st St., Manhattan
Tel. Wadsworth 9818

FERRIGAN, ANGELA	Clerical Assistant
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ELDER, VERA	Library Assistant

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Tel. Riverside 23

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 953 Anderson Ave., Bronx
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 415 West 115th St., Manhattan
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 419 West 119th St., Manhattan
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Weller, Ethel C.

STENOGRAPHY AND TYPEWRITING

MARY F. CAHILL, *Chairman*
2 Beekman Pl., Manhattan
Tel. Plaza 8820

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Clauder, Fannie N.
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Goldberg, Anna
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863 East 18th St., Brooklyn
Tel. Mansfield 1418

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1827 East 15th St., Brooklyn
Tel. Coney Island 732-M

WILLARD B. NELSON, *First Assistant*
511 Second St., Brooklyn
Tel. South 4480-J

ALBERT L. COLSTEN, *First Assistant*
1556 73rd St., Brooklyn
Tel. Bensonhurst 7220-J

HENRY T. WEED, *Co-ordinator*
15 Hawthorne St., Brooklyn
Tel. Flatbush 8895-M

Annex

P. S. 94, PROSPECT AVE. AND REEVES PL., BROOKLYN
Tel. South 24

J. CLARENCE SMITH, *Teacher in Charge*
430 Fourth St., Brooklyn
Tel. South 3315-W

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MASSOUNEAU, ROBERT L., JR.....	Clerical Assistant
SCHWARTZ, FRANCES	Clerical Assistant
HAZEN, ELLA M.....	Library Assistant

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82 Hawthorne St., Brooklyn
Tel. Flatbush 5054-R

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186 Maple St., Brooklyn
Tel. Flatbush 2935-R

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215 McDonough St., Brooklyn
Tel. Lafayette 844-M
Van Olinda, James E.

PHYSICAL SCIENCE

WILLARD B. NELSON, *Chairman*
511 Second St., Brooklyn
Tel. South 4480-J

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227 South Columbus Ave., Mt. Vernon, N. Y.
Tel. Hillcrest 2485-M

FRANK M. SURREY, *First Assistant*
593 Riverside Drive, Manhattan
Tel. Audubon 3402

HAROLD E. FOSTER, *Administrative Assistant*
270 Garden Ave., Mt. Vernon, N. Y.
Tel. Hillcrest 2353-J

BASHEIN, MARTHA H.....	Clerical Assistant
FERRIS, FLORENCE L.....	Clerical Assistant
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Tel. Tremont 5656

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125 Franklin Ave., Mt. Vernon, N. Y.
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Strayer, Franklin R.

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2698 Creston Ave., Bronx
Tel. Fordham 2098-R
Surrey, Frank M.

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CHARLES L. FRANK, *Chairman*
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Chicago Avenue, Elmhurst, L. I.
Tel. Newtown 40

JAMES D. DILLINGHAM, *Principal*
189 Denman St., Elmhurst, L. I.
Tel. Newtown 579-M

ARTHUR E. BOOK, *Administrative Assistant*
12 Euclid St., Forest Hills, L. I.
Tel. Boulevard 6245-R

BRYANT, GRACE.....Clerical Assistant
MACKAY, CATHARINE B.....Clerical Assistant
BEDELL, JULIA I.....Library Assistant

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Tel. Newtown 2281

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Slater, Henry B.

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10 Ketcham Pl., Elmhurst, L. I.
Tel. Newtown 444

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Larsen, Isabel

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HELEN G. PRESTON, *Chairman*
 Ketcham Pl., Elmhurst, L. I.
 Tel. Newtown 1499-W

Brown, Adelaide P.
 Caswell, Leon A.

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LATIN

CLYDE R. JEFFORDS, *Chairman*
 19 Union Park Ave., Jamaica, L. I.
 Tel. Jamaica 3890

Jaggard, Alice

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Swenson, Celeste C.

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MINNIE M. POWERS, *Chairman*
 1236 Union St., Brooklyn
 Tel. Lafayette 7599

Eggleston, Charlotte

Lanese, Carolyn F.

Traynor, John

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Hough, Jean W.
 Pennock, Emma B.

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Valentine, Cornelius

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 1120 Amsterdam Ave., Manhattan
 Tel. Morningside 1400

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 Cox, Samuel A.

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Morris, Mary F.

PHYSIOGRAPHY

Kingsbury, George H.

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CAROLINE M. HILLS, *Chairman*

2 Roman Ave., Forest Hills, L. I.

Tel. Boulevard 6122

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Flanagan, William E.

Mackay, Christine A.

NEW UTRECHT HIGH SCHOOL

Eighteenth Avenue and Eighty-sixth Street, Brooklyn

Tel. Bensonhurst 711

HARRY A. POTTER, *Principal*

518 68th St., Brooklyn

Tel. Shore Road 4981

STRAHS, JACOB Clerical Assistant

BIOLOGY

FLORENCE I. MARTIN, *Chairman*

26 7th Ave., Brooklyn

Cullen, Michael J.

COMMERCIAL BRANCHES

JOHN P. CAHILL, *Chairman*

51 Clark St., Brooklyn

Tel. Main 10000

Brownell, George E.

Machlowitz, Joseph

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PEARL C. HENDERSON, *Chairman*

49 Henry St., Brooklyn

Tel. Flatbush 9671

Seipp, Anna Margaret

ENGLISH

CHARLES H. J. DOUGLAS, *Chairman*

815 Marcy Ave., Brooklyn

Baron, Joseph

Kennedy, Harold M.

Goldstein, Alexander

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Hurwitz, Marie

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Robinson, Eva J.

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 87 Columbia Hts., Brooklyn
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 5617 12th Ave., Brooklyn

Cohen, Jacob

Doris, Charles

Moses, I. Edward

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Tindall, Glenn M.

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 1443 73rd St., Brooklyn

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Zinovoy, George

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Avirett, May G.

Grossman, Lena M.

STENOGRAPHY AND TYPEWRITING

Simpson, Gertrude

Zinner, Sigmund

 RICHMOND HILL HIGH SCHOOL

114th Street, Richmond Hill, L. I.
 Tel. Richmond Hill 26

IRVING A. HAZEN, *Principal*
 Richmond Hill Drive, Richmond Hill, L. I.
 Tel. Richmond Hill 67-R

Annexes

P. S. 51, CHURCH ST., RICHMOND HILL, L. I.
Tel. Richmond Hill 7005-J

CHARLES A. STEWART, *Teacher in Charge*
8524 111th St., Richmond Hill, L. I.

P. S. 90, NAPIER AND JAMAICA AVES.,
RICHMOND HILL, L. I.
Tel. Richmond Hill 6941-J

FLORENCE E. BEERS, *Teacher in Charge*
685 Nostrand Ave., Brooklyn
Tel. Lafayette 1464

GLEN, M. EVA.....	Clerical Assistant
KISO, PAULA	Clerical Assistant
ROBESON, JULIA G.....	Library Assistant

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HARRIS KANWIT, *Chairman*
20 Thompson Pl., Lynbrook, L. I.
Tel. Lynbrook 959-M

Curtis, Eliza Clark	Meehan, William
Hubbard, Ruth E.	Steinmetz, William G.
Kelley, Mary A.	Stewart, Charles A.

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SARA M. BARBER, *Chairman*
1395 Dean St., Brooklyn
Tel. Lafayette 5999
Cooney, Genevieve

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CHARLES R. GASTON, *Chairman*
215 Abingdon Road, Richmond Hill, L. I.
Tel. Richmond Hill 1469

Beard, Stella S.	Hotaling, Ethelwyn D.
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Corson, Livingston	Root, Eva R.

Wolcott, Emily P.

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MATTHEW L. DANN, *Chairman*
8552 112th St., Richmond Hill, L. I.
Tel. Richmond Hill 4059-W

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Leete, Gertrude M.	

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 Tel. Richmond Hill 1065

Beers, Florence E. Johnson, Estelle M.

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LELAND L. LANDERS, *Chairman*
 8552 116th St., Richmond Hill, L. I.
 Tel. Richmond Hill 1079

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 Nichols, Newton D. Talbot, A. May

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 Lindner, Clara

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 8923 118th St., Richmond Hill, L. I.
 Tel. Richmond Hill 1896

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STUYVESANT HIGH SCHOOL

345 East Fifteenth Street, Manhattan
Tel. Stuyvesant 3739

ERNEST R. VON NARDROFF, *Principal*
397 Madison St., Brooklyn

MURRAY BRUCE, *Administrative Assistant*
615 52nd St., Brooklyn

WALTER E. FOSTER, *First Assistant*
611 West 158th St., Manhattan
Tel. Audubon 5600

FRANK M. WHITEHALL, *Assistant*
438 Quincy St., Brooklyn
Tel. Decatur 1477-J

CHARLES W. MARSTON, *Assistant*
25 South Hillside Ave., Glen Ridge, N. J.
Tel. Glen Ridge 2535-M

BOEHM, SADIE.....	Clerical Assistant
BLUESTONE, ETHEL.....	Clerical Assistant
CONSTANT, RUTH.....	Clerical Assistant
OLLENDORF, ARNOLD A.....	Clerical Assistant
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ZATZ, MORRIS.....	Library Assistant

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Tel. Flatbush 3379

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Roeth, Natalie
Safir, Shelly R.

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Westport, Conn.
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Bright, Robert A.
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Markson, Alexander
Rodman, Bayard B.

Uhlig, William B.

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Wilkes, Max S.

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Tel. Morningside 198

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Hingsberg, Thomas

Homer, Jacob
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Meyer, Hans C.
Panuska, Frank
Sackman, Gilbert R.

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472 Argyle Road, Brooklyn
Tel. Flatbush 1995-R

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Blum, Gustav
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Zimmerman, Elizabeth A.

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73 Highview Ave., New Brighton, S. I.
Tel. Tompkinsville 890-R

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Freeman, Thomas J.
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Kummerle, Katherine M.

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Beha, Joseph L.

Lipsky, Abram

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A, FRANKLIN ROSS, *Chairman*
 65 Kenilworth Pl., Ridgewood, N. J.
 Tel. Ridgewood 977-M

Dee, Marion R.
 Dunbar, William F.
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 Goldberg, Israel
 Hall, Gamble

Ham, Charles
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 Ober, William
 Philips, Sidney D.
 Rodick, Burleigh

Stephens, Walter L.

LATIN

WALTER E. FOSTER, *Chairman*
 611 West 158th St., Manhattan
 Tel. Audubon 5600
 Reynolds, Frank A.

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 21 Sycamore Ave., Mt. Vernon, N. Y.
 Tel. Mt. Vernon 2071

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 Clark, John P.
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CARL DANIELSON, *Chairman*
 611 West 158th St., Manhattan
 Tel. Audubon 5600

Downey, Frank

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Tel. Stuyvesant 1461

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Saltman, Joseph S.

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Tel. Woodmere 2956

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Tel. Mott Haven 2109

RICHARD SCHEIB, *Acting Principal*
1167 Clay Ave., Bronx

Annex

P. S. 47, ST. LAWRENCE AND BEACH AVES., BRONX
Tel. Westchester 3643

EDWARD M. WILLIAMS, *Teacher in Charge*
1342 Franklin Ave., Bronx

HUGHES, ROSALIE M.	Clerical Assistant
O'CONNOR, LEONA	Clerical Assistant
RYAN, FLORENCE J.	Clerical Assistant
O'DONNELL, MARJORIE V.	Library Assistant

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934 Ogden Ave., Bronx
Tel. Jerome 3849

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MARY S. HAMILTON, *Chairman*
Elmsford, N. Y.
Tel. Elmsford 1818-W
Mann, Mary Lee

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416 West 118th St., Manhattan
Tel. Morningside 3502
Smith, Bernice

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157 West 123rd St., Manhattan
Tel. Morningside 3786

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Fields, Harold

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Weed, Marguerite

SPIER, DORIS J.....	Assistant
BEATON, AUGUSTA C.....	Clerical Assistant
BRACKETT, MARY M.....	Clerical Assistant
GRABSCHIED, ANNA	Clerical Assistant
GROVE, MARGARET S.....	Clerical Assistant
SIPSER, EMMA H.....	Clerical Assistant
DOWDEN, FLORENCE A.....	Library Assistant

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 50 West 76th St., Manhattan
 Tel Schuyler 6605

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 23 North 5th St., Woodside, L. I.
 Tel. Astoria 3749
 Stevenson, Florence J.

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MAUD F. SMITH, *Chairman*
 619 West 127th St., Manhattan
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 Spencer, Elizabeth L.

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36 West 96th St., Manhattan
Tel. Riverside 7571

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ELIZABETH C. WOOD, *Chairman*
100 Morningside Drive, Manhattan
Tel. Morningside 3477

Barrett, Martha B.	Noll, Anna
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Tel. Morningside 8760

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ANNA G. JUDGE, *Chairman*
235 West 75th St., Manhattan
Tel. Columbus 9750

Barrett, Mary C.	Blair, Elizabeth E.
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ROBERT H. CORNISH, *Chairman*
400 West 118th St., Manhattan

CHEMISTRY

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 120 Vista Pl., Mt. Vernon, N. Y.
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 Howard, Charlotte B.

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 244 West 106th St., Manhattan
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Seidensticker, Clara

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ROSE LICHTERMAN, *Chairman*
 664 West 179th St., Manhattan
 Tel. Wadsworth 2375
 Scheibe, Elizabeth

WASHINGTON IRVING HIGH SCHOOL

40 Irving Place, Manhattan
 Tel. Stuyvesant 3292

EDWARD C. ZABRISKIE, *Principal*
 36 West 93rd St., Manhattan
 Tel. Riverside 1885

DORA R. THOMPSON, *Administrative Assistant*
 26 Clifford Ave., Pelhamwood, N. Y.
 Tel. Pelham 4775-M

F. LOUISE WARR, *Assistant*
 308 West 82nd St., Manhattan
 Tel. Schuyler 8120

HELEN B. BRESSLER, *Assistant*
 158 Second Ave., Long Island City, L. I.

BUSH, MARY F. Clerical Assistant
 DENEHY, BRIDE C. Clerical Assistant

GULLIVER, BARBARA	Clerical Assistant
KRAKER, GOLDIE	Clerical Assistant
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NOLAN, GRACE	Clerical Assistant
PARKER, ISABEL C.	Clerical Assistant
WHITNEY, CATHERINE	Clerical Assistant
ALEXANDER, ELIZABETH	Library Assistant
ANNETT, SARAH	Library Assistant
WILCOX, RUTH S.	Library Assistant
GITTOE, ETHEL T.	Placement Assistant

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GEORGE K. HINDS, *Chairman*
92 Riverside Drive, Manhattan
Tel. Riverside 2538

Arnowitt, M. Leon	Greenstein, Max B.
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420 East 84th St., Manhattan
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Lambert, Sophia W.	Thorburn, A. Pintler
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Tel. Lenox 3661

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Tel. Cathedral 7520

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16 Mead Ave., Passaic, N. J.
Tel. Passaic 1532-M

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FLORENCE WILLARD, *Chairman*
16 Mead Ave., Passaic, N. J.
Tel. Passaic 1532-M

Dean, Nellie	Pond, Harriet
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Jameson, Jennie D.	Skelton, Christine P.

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JEANETTE W. CHENEY, *Chairman*
104 West Lincoln Ave., Mt. Vernon, N. Y.
Tel| Mt. Vernon 965-W

Adams, Alice I.	Hurlbut, Martha A.
Averell, Ethel	Lacey, Bertha J.
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Booth, Mary S.	Pratt, Winifred
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Hillman, Mercy A.	Whitney, Clara G.

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HELEN L. COHEN, *Chairman*
38 West 93rd St., Manhattan
Tel. Riverside 401

Avery, Helene F.	Marley, Ruth J.
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NANNIE G. BLACKWELL, *Chairman*
27 West 11th St., Manhattan
Tel. Chelsea 2225

Blum, Vivienne C.
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Castro, Fausta Negri
Chilcott, Clio M.
Gaynor, Margaret A.
Goudal, Emilie

Guthrie, Kenneth
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IDA G. GALLOWAY, *Chairman*
338 8th Ave., Pelham, N. Y.

Bass, Bertha
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Kirkman, Loulie

Kivlin, Maud
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Streeper, Amanda
Wells, Mildred A.

Weiss, Alma J.

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Barberis, Eligio

LATIN

IDA WESSA, *Chairman*
610 West 116th St., Manhattan
Tel. Morningside 3040

Guthrie, Grace

Hopkins, Frances L.

LIBRARY

Fritz, Louise P.

MATHEMATICS

JESSIE A. BEACH, *Chairman*
503 West 121st St., Manhattan

Baxter, Florence
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McKenna, Mary

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Roll, Rose
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MUSIC

EMMA C. CARON, *Chairman*
16 West 70th St., Manhattan
Tel. Columbus 9619

Gaines, Margaret E.

Mooney, Lawrence

Neidlinger, William

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EARL B. SLACK, *Chairman*
22 Cassilus Ave., Bronxville, N. Y.
Tel. Bronxville 900-M

Ammerman, S. Lewis
Hayner, Burton A.

Pons, Catherine Archer
Shellard, Warren P.

PHYSICAL TRAINING

ALICE MORRISEY, *Chairman*
217 West 104th St., Manhattan
Tel. Academy 2115

Gill, Lulu G.
Griffin, Bertha L.
Malone, M. Agnes
Mendell, Rose
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Owens, Lois M.
Sandman, Ida
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Thompson, Ann C

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MEDORA L. RAY, *Chairman*
262 W. 77th St., Manhattan
Tel. Columbus 8615

Bahret, Ruth A.
Beiler, Florence
Blair, Edith
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Harmon, Esther

Leffert, Ethel
Neuman, Libby
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Smith, Joseph H.

STENOGRAPHY AND TYPEWRITING

ELIZABETH A. ROCHE, *Chairman*
2 St. Nicholas Pl., Manhattan
Tel. Audubon 1710

Allyn, Louise
Brenner, Charlotte
Drew, A. Virginia
de Mers, Adrienne
Glaser, Beatrice
Gold, Elias
Kinnan, Madeline
Klees, C. Mathilda

Meyenberg, Ameilia
Murphy, George F.
Orr, Ella J.
Price, Isaac
Riordan, Elizabeth
Shapiro, Sarah
Stone, Bertha
Trent, Lewis

X

ALPHABETICAL LIST OF HIGH SCHOOL TEACHERS

A

- Abbot, Frances H., 9 St. Marks Pl., West
New Brighton, S. I. 1 A E (Ch), Curtis; 10-14-01 (2-8-09)
- Abbott, Frederick B., 419 9th, Bn. A MD, MT; 9-16-07
- Abbott, Marguerite W., 119 Hancock, Bn. A F, Girls; 7-1-96
- Abelow, Samuel P., 260-A Rochester Av., Bn. A H, JR; (2-1-06) 2-3-19
- Abelson, Joseph, 1525 President, Bn. Lab A, P & C, Ms; 2-1-15
- Abelson, Louis, 32 North, Bx. A Cv, DWC; 9-10-20
- Abrahams, Isaiah, 866 Lafayette Ave., Bn. A MD, MT, 5-12-20
- Abramowitz, Philip, 210 Madison. Mn. A F, Stv; (4-13-14) 2-3-19
- Accurso, Catherine, 290 E. 143d St., Mn. A Sp, JR; 3-15-20
- Acker, Margaret K., 50 Woolsey, L. I. City A E, Bry; 9-1-97
- Ackerle, Ida V., 114 Field Pl., Bx. A Cv, Ev C; (2-1-98) 12-1-09
- Ackerly, Jennie, 416 W. 118th, Mn. A M, Ms; 9-12-97
- Ackerman, Dorothy S., 427 E. 3d, Bn. A Coml, BR; 9-11-16
- Adams, Alice I., 48 W. 92d, Mn. A Carving & Metal Wkg. DWC;
2-23-97
- Adams, Helen M., 435 W. 123, Mn. A S Tp, TR; 3-2-14
- Adams, Margarite, 32 Palmetto, Bn. Lab A, B, Ntn; (9-8-11) 9-6-18
- Adams, Milly E., 151 W. 105th, Mn. A Carvg & Metal Wkg, WI; 12-9-03
- Adler, Frieda, 295 Central Pk. W., Mn. A F G, Bry; (9-9-01) 9-8-11
- Adkins, Coston B., 34 Hendrix, Bn. A Coml, Coml; 9-11-14
- Adamson, David R., 2406 Newkirk Ave., Bn. A Mu, Coml; 2-2-20
- Adrian, Anna, 106 Herriman Ave., Ja-
maica, L. I. A PT, Jam; 11-1-17
- Ahern, Harry H., 75 Lee Ave., Bn. A D, HSC; 2-2-20
- Alden, Henry T., 185 Quincy, Bn. (Adm). Boys; (2-1-95) 1-1-12
- Aldinger, Harry E., 309 Park Ave., Mn. 1 A PT (Ch), HSC; 2-1-06, (2-2-20)
- Alexander, Edward H., 653 St. Johns Pl.,
Bn. A Ec, HSC; (2-16-00) 9-8-16
- Alexander, Elizabeth W., 419 W. 119th, Mn. Lib A, WI; 11-17-13
- Allaire, Ruth, 2265 84th, Bn. A St Tp, Bwk; (3-1-10) 10-1-19
- Allan, Evelyn W. (Mrs.), 106 Ft. Greene
Pl., Bn. P, G Coml; 2-6-99 (3-17-20)
- Allen, Edna M., 63 McDougal, Bn. A M, Coml; 1-22-20
- Allen, Helen J., 416 W. 122d, Mn. A Sp, WI; 3-1-15
- Allen, John Trevette, 481 6th, Bn. A Sp F, MT; 9-12-04
- Allen, Luella M., 768 Union, Bn. A F, EH; 9-11-14
- Allen, Mary K. (Mrs.), 312 W. 93, Mn. A E, JR; 9-10-20
- Allen, Ralph W., 8652 107th, Richmond Hill,
L. I. A D, RH; 2-1-96
- Allen, Winifred S., 768 Union, Bn. A L, BR; 2-16-10
- Alley, M. Ida, 216 E. 15th, Mn. A P, Jam; 9-12-04
- Allyn, Louise, 128 W. 13th, Mn. A St. Tp, WI; 9-11-11
- Alperin, Daniel M., 572 W. 187, Mn. A PT, HSC; (9-5-13) 2-1-21
- Alpern, Hyman, 1 E. 119th, Mn. A Sp (Actg Ch), Stv; 2-2-20
- Althaus, Amalie L., 2770 Briggs Ave., Bx. A G Sp, TR; 2-8-09
- Altholz, Nathaniel, 2661 Decatur Ave., Bx. A Coml, EvC; (9-7-06) 2-1-13
- Ames, Jessie T., 1 W. 127th, Mn. A FHD, Ms; (2-1-04) 2-1-10
- Ammerman, S. Lewis, 1305 Dorchester Rd.,
Bn. A P, WI; 2-1-06
- Amster, Isadore, 1563 Wilkins Ave., Bn. A Acc & Bus Pr, HSC; (11-1-07)
11-1-18
- Andersen, Laurentius O., 363 Lenox Rd.,
Bn. A E. MT; (1-31-02) 9-5-19
- Anderson, William L., 204 Manhattan Ave.,
Mn. A PT, Stv; 2-1-18
- Anderson, Woodford D., 32 McDonough, Bn. A Coml, Coml; 9-14-03
- Andrade, Manuel J., 242 W. 103d, Mn. A Sp, DWC; 3-15-20
- Andrews, Charlton, 628 W. 151st, Mn. A E, Stv; 10-14-15
- Andrews, Grace, 65 Jefferson Ave., Bn. A H (Ch), TR; (11-12-96) 2-1-07
- Andrews, Richard M., 373 W. 116th, Mn. A M, Stv; 9-10-06
- Andrews, William H., 265 Hawthorn, Bn. A PT (Ch), Boys; 4-1-95
- Annett, Sarah E., 609 W. 127, Mn. Lib A, WI; 2-4-07
- Anthony, Oscar W., Plandome, L. I. 1 A (Adm), M, DWC; 9-12-97
(9-1-03)

- Appel, Frank J., 410 3d Ave., Ashury Park,
N. J. A G, Ms; (4-1-99) 9-12-04
Appell, Israel, 41 St. Nicholas Ter., Mn.... A M (Chg An), HSC; (11-12-95)
2-2-14
Apisdorf, Alexander, 426 7th Ave., Bn.... A B, MT; 2-1-15
Arden, Harriette, 78 W. 94th, Mn..... Lib A, DWC; 3-2-03
Arenwald, Mesmin, 105 E. 192d, Bx..... A M, EvC; (5-1-07) 9-5-13
Arias, Gracia Fernandez (Mrs.), 600 W.
114, Mn. A Sp, NU; 6-28-16
Arnold, David L., 802 W. 181st, Mn..... 1 A M (Chg An), JR; (9-7-10)
10-1-09
Arnold, Edith S., 250 Park Pl., Bn..... A Coml, BR; 10-15-14
Arnold, Frank J., 476 9, Bn..... A StTp, Haaren; (9-9-10), 12-1-20
Arnold, Frederick C., 907 Faile, Bx..... A, MD, EvC; 9-11-05
Arnowitz, M. Leon, Rockaway Park, L. I.. A Coml, WI; 2-2-14
Arthur, L. Louise, 107 W. 11th, Mn..... A H (Ch), Bry; 11-1-01
Ashcroft, Carrie Van R., 525 West End
Ave., Mn. 1 A PT (Ch), JR; 10-1-07
Ashe, Emma B. (Mrs.), 101 Columbia Hts.,
Bn. A E, FR; 9-9-12
Astroff, Mac, 2939 W. 32d, Sea Gate, Bn.. A PT, Girls; 10-14-18
Attner, Bernice M., 132 Joralemon, Bn.... A H, Coml; 9-10-20
Atwood, Walter S., 1905 Andrews Ave., Bx. A B, DWC; 6-28-16
Augsbury, Earl S., 4260 Broadway, Mn.... A M, Stv; 2-1-06
Augenstern, Michael, 6A Castleton Park,
New Brighton, S. I. A St Tp, Curtis; 2-2-20
Auslander, Armit, 571 W. 139th, Mn..... A St Tp, GW; (9-12-04) 9-9-12
Austin, Harry W., 2114 Caton Ave., Bn... A Wood Turning, MT; 11-11-10
Austin, Mary E., 1385 E. 18th, Bn..... A PT, EH; 9-16-12
Avent, John M., 2 Valley Rd., White Plains,
N. Y. 1 A E (Ch), JR; 9-11-11 (9-25-19)
Averell, Ethel H., 217 Brooklyn Ave., Bn.. A FHD, WI; (3-1-06) 3-1-12
Avery, Helene F. (Mrs.), 170 W. 89th, Mn. A E, WI; 2-3-13
Avery, Jean W. (Mrs.), 46 Windsor Pl.,
Forest Hills, L. I. A Sp, Ntn; 3-15-20
Avirett, May G. (Mrs.), 704 8th Ave., Bn.. A Sp, NU; 9-12-04
Axel, Tomah, 31 W. 110, Mn..... A Cv, JR; (3-1-12) 2-1-21
Ayres, Mary S., 476 Clinton Ave., Bn.... A E, ED; 2-1-07

B

- Babcock, Maude R., 19 Arlington Pl., Bn.. A Sp G, GComl; 10-1-02
Bachelder, Mary A., 592 E. 22nd Bn..... A F, MT; 9-10-06
Back, Elizabeth M., 155 6th Ave., Bn..... A M, BR; (12-1-08) 2-3-13
Bacon, Helen E., 404 W. 115th Mn..... A E, Wdl; 2-25-01
Baer, Dena, Hotel Theresa, 125th and 7th
Ave., Mn. A H, Ms; (9-9-01) 9-12-10
Bagenstose, Harvey L., 298 Parkside Ave.,
Bn. A E, Coml; 9-10-06
Baggs, Martha, 439 Hancock, Mn..... A B, BR; 9-14-08
Bagnell, William J., 7 Parkside Ct., Bn.... A Coml, Jam; 9-8-16
Bahret, Ruth A., 23 W. 83d, Mn..... A St, WI; 2-3-19
Baier, Joseph G., Hamilton Ave., New
Brunswick, N. J. A P, Stv; 10-1-09
Baily, Anna E. (Mrs.), 207 E. 17th, Bn... A B, MT; 10-1-09
Bailey, Frank L., Suffern, N. Y. A Coml (Chg An), JR; 2-15-15
Baker, Davis L., New Rochelle, N. Y. A P, Stv; 9-11-16
Baker, Eleanor R., 430 W. 18th, Mn..... A M, MT; 9-24-07
Baker, Helen M., 31 Summit Ave., New
Rochelle, N. Y. A Acc & Bus Pr, BR; 3-15-18
Baker, Katherine S., 1112 Dean, Bn..... AE, GComl; 2-2-20
Balbin, Florinda, 8804 Ridge Blvd., Bn.... A Sp, BR; 2-3-19
Baldwin, Edwin F., 94 W. 162d, Mn..... A Coml, HSC; (9-14-03) 2-3-13
Baldwin, Jessie M., 72 Harvest, Forest
Hills, L. I. A E, Ntn; 11-3-13
Baldwin, Mary M., 2 W. 129th, Mn..... A D, DWC; (10-5-98) 9-6-18
Baldwin, Walter J., 257 Claremont Ave., Bn. A M, RH; 2-17-97
Baltz, Frank P., 371 W. 119th, Mn..... 1 A Coml (Ch), EvC; 2-14-01
(9-7-10)
Ballard, Charles C., Bronxville, N. Y. A E, Ms; 2-1-05
Banghart, Elizabeth, 125 E. 37th, Mn..... A Mu, Bry; 9-10-06
Banning, Laura, 242 S. 4th Ave., Mt. Ver-
non, N. Y. A B, Ms; 9-11-16
Bannon, Agnes R., 1112 Dean, Bn..... Cler A, ED; 2-1-11

Barbanell, A. Irving, 253 Amstel Blvd., Arverne, L. I.	A M, FR; (9-8-11) 9-9-13
Barber, Cora L., 1395 Dean, Bn.	A E, EH; (9-1-93) 9-1-07
Barber, Henry G., 15 Clay Ave. E., Roselle Park, N. J.	A B, DWC; 9-12-98
Barber, Sara M., 1395 Dean, Bn.	A El (Ch), RH; 10-1-06
Barberis, Eligio G., 106 44th, Corona, L. I.	A Ital, WI; 3-3-14
Barclay, Margaret E., 210 Parkside Ave., Bn.	A B, BR; (9-10-00) 2-2-14
Barcus, Hugh H., 26 S. 14th, Flushing, L. I.	A M, Stv; 9-11-16
Bardenheuer, Clara E., 628 8th, College Point, L. I.	A Sp G, Flg; (9-1-86) 9-14-03
Barker, M. Ellen, 637 St. Marks Ave., Bn..	A M, Girls; 9-1-89
Barlow, William M., 302 Stanley Ave., Tompkinsville, S. I.	1 A Mod Lang (Ch), Curtis; 2-3-13. (2-2-20)
Barmeyer, George H., Bayside, L. I.	A C, Flg; 2-1-11
Barnes, Edwin A., 155 Crescent, Far Rockaway, L. I.	A P (Ch Sc), FR; 9-10-06
Barnett, I. Irving, 201 W. 112th, Mn.	A P Coml, WI; (2-1-04) 9-11-14
Barnum, Grace E., 70 Morningside Dr., Mn.	A PT, Ms; 2-1-00
Baron, Joseph, 774A Lafayette Ave., Bn..	A E, NU; 9-1-16
Barras, Moses, 80 E. 111th, Mn.	A F, DWC; 10-4-18
Barrett, Martha B., 32 W. 123d, Mn.	A H, Wdl; 12-19-01
Barrett, Mary C., 759 E. 158th, Bx.	A Mu, Wdl; (10-1-02) 2-1-11
Barron, Honora A., 414 W. 147th, Mn.	A Sewg & Dress Mkg, WI; (4-3-05) 9-13-05
Barrow, John B., 1991 Troy Ave., Bn.	A L, Boys; 10-16-16
Barrows, Tessie, 207 W. 18th, Mn.	A Sp, Stv; 4-8-12
Barry, Bertha B., 306 E. 180th, Bx.	A PT, EvC; 11-1-17
Barry, Loretta, Park Ave. Hotel, Mn.	A E, WI; (9-8-05) 2-1-11
Barry, Mary, 112 Locust, Flushing, L. I. ...	A Mu, Flg; 2-2-20
Barton, Rose M., 106 E. 52d, Mn.	A E, Wdl; 2-4-03
Bashein, Martha S. (Mrs.), 540 W. 144th, Mn.	Cl A, Ms; 10-14-18
Bass, Bertha, 106 Morningside Dr., Mn.	A H, Wdl; 9-9-01
Bassett, Elizabeth W., 70 Morningside Dr., Mn.	A H, WI; (12-1-08) 10-1-09
Batcheler, Charles B., Chappaqua, N. Y.	A PT, EH; 4-1-10
Bates, Abby B., 1421 University Ave., Bx.	1 A H (Ch), Ms; 9-12-97 (12-19-00)
Bates, Grace M., 169 Columbia Hts., Bn. ...	A E, EH; 9-10-20
Bates, Herbert, 11 Lake Ave., Bn.	1 A E (Ch), MT; 9-13-97 (1-1-12)
Bates, Thomas S., 940 Fox, Bx.	A El, Ms; 10-1-09
Battell, John E., 466 3d, Bn.	A E, EH; (10-3-04) 2-3-13
Batley, Louis B., 36 W. 61st, Mn.	A MD, Stv; (11-1-09) 9-1-09
Bauman, Ben, 41 E. Jackson Ave., Corona, L. I.	Lab A P C, Stv; 9-10-20
Baumeister, John, 402 Amity, Flushing, L. I.	1 A Mod Lang (Ch), Flg; 9-12-98 (2-8-09)
Bavier, Margaret L., 138 W. 91st, Mn.	A PT, JR; (3-1-12) 11-5-17
Bawden, Sarah E., 4 King, Jamaica, L. I. ...	A E, Jam; (9-11-05) 2-1-19
Baxter, Florence, 210 E. 17th, Mn.	A M, WI; 9-12-10
Baxter, Mary C., 143 W. 84th, Mn.	A M, HSC; 3-1-20
Baylis, Louise, 23 W. 84th, Mn.	A PT, EH; (11-1-07) 2-11-13
Beach, Jessie A., 503 W. 121st, Mn.	A M (Ch), WI; 2-4-00
Beach, Mary R., 302 Convent Ave., Mn.	A L, Wdl; 9-11-99
Beal, George H., 138 W. 65th, Mn.	A L, DWC; 9-8-16
Beam, Rachel, 536 Clinton Ave., Bn.	A B, Coml; 3-11-20
Beare, Cornelia, 430 W. 119th, Mn.	A E, Wdl; 3-16-08
Beard, Stella S., 8558 111th, Richmond Hill, L. I.	A E, RH; 1-1-95
Beardsley, Frank J., 443 E. 4th, Bn.	A L, EH; 9-9-07
Beatman, Augustus S., 953 Anderson Ave., Bx.	1 A H (Ch), JR; 9-12-10 (9-7-17)
Beaton, Augusta C., 525 W. 123d, Mn.	Cl A, Wdl; 9-4-12
Beharfeld, Annie, 1834 Crotona Ave., Bx. ...	A FHD, GW; 9-30-20
Bechert, Alexander O., 600 Decatur, Bn..	A G, Boys; 9-5-13
Beck, Alga M., 103 Hendricks Ave., New Brighton, S. I.	A PT, Wdl; 9-5-13
Beck, Sadie, 5617 12th Ave., Bn.	A H, Girls; 9-5-19
Becker, Clarence H., 890 Putnam Ave., Bn.	A H, Boys; 2-2-14
Becker, Edith P., 322 W. 85th, Mn.	Cl A, HSC; (6-2-19) 3-15-20
Beckwith, Frances A., 106 E. 52d, Mn.	A H, Wdl; 9-12-97
Bedell, Julia I., 512 W. 180th, Mn.	Lib A, Ntn; (2-10-99) 11-25-12
Bedford, Edgar A., Cherokee Ave., Hollis, L. I.	1 A B & Genl Sc (Ch), DWC; 2-1-06 (1-2-17)
Beebe, Dee, 231 Garfield Pl., Bn.	A D, EH; 9-12-04

- Beeckman, Florence L., 141 W. 104th, Mn.
 Beemer, Edwin F., 103 E. 10th, Bn.....
 Beer, Morris A., 945 E 163d, Mn.....
 Beers, Florence E., 685 Nostrand Ave., Bn.
 Beha, Joseph L., 306 W. 93d, Mn.....
 Behnken, Belle (Mrs.), 470 Morningside Dr.,
 Mn.
 Behnken, H. Emile, Hilburn and Winfield
 Pl., Hollis. L. I.
 Behr, Elsa, 838 Carroll, Bn.
 Behr, Florence, 607 W. 136th, Mn.....
 Behr, Minna D., 37 King, Englewood, N. J.
 Beier, Abraham, 1562 76th, Bn.....
 Beihoff, Belle (Mrs.), 470 Morningside Dr.,
 Mn.
 Beiler, Florence, 519 W. 121st, Mn.....
 Beinert, John L., 27 Sterling Pl., Bn.....
 Beisheim, William F., 4702 11th Ave., Bn...
 Beitel, Helen S., 315 W. 94th, Mn.....
 Belding, Albert G., Winchester Pl., Law-
 rence, L. I.
 Benedict, Ralph C., 322 E. 19th Bn.....
 Benham, Alice W., 219 W. 80th, Mn.....
 Benjamin, Claude T., 410 Bard Ave., New
 Brighton, S. I.
 Benjamin, Edith S., 282 McDonough, Bn...
 Benjamin, Juliette N., 97 Bay 32nd St., Bn.
 Benner, Charlotte, 149 W. 12th, Mn.....
 Bennett, Eva L., 435 W. 119th, Mn.....
 Bennett, Martha C., 423 W. 120th, Mn...
 Bennett, R. Grant, 25 W. 84th, Mn.....
 Bennett, Ray, 514 W. 122d, Mn.....
 Bennett, Thelma, Hotel Theresa, 125th and
 7th Ave., Mn.
 Bentley, Mildred K., 215 E. 15th, Mn.....
 Benway, Mabel R., 62 Pierrepont, Bn.....
 Berall, Louis J., 207 W. 118th, Mn.....
 Bergamini, Rachel, 175 Claremont Ave., Mn.
 Berger, William H., 339 E. 25th, Bn.....
 Bergman, Lillian H., 1432 University Ave.,
 Bx.
 Bergman, Morris L., 183 2d, Mn.....
 Bergeff, Herman, Y.M.C.A., Marcey Ave.
 and S. 9th, Bn.....
 Bergstein, Adolph, 41 St. Nicholas Ter., Mn.
 Bergstresser, Clinton A., 156 Macon, Bn...
 Berk, Louis B., 52 W. 111th, Mn.....
 Berkowitz, Louis, 1098 E. Parkway, Bn.....
 Bernhardt, Mabel L., 524 Lefferts Ave., Rich-
 mond Hill, L. I.
 Bernstein, Isador, 150 Westervelt Ave., N.
 Brighton, S. I.
 Bernstein, Louis, 896 E. Parkway, Bn.....
 Berry, James F., 421 W. 57th, Mn.....
 Bersohn, Robert, 560 Lincoln Pl., Bn.....
 Bertemy, Laura M. J., 4396 Park Ave.,
 Bx.
 Bertschy, Maude (Mrs.), 150 Steuben, Bn...
 Bessey, Mabel A., 64 Monroe, Bn.....
 Beygrau, Frederick R., 2380 Creston Ave.,
 Bx.
 Bice, Hiram H., 345 W. 70th, Mn.....
 Bickmore, Frank L., 1159 Dean, Bn.....
 Bidstrup, Elsa, 42 Jerome, Bn.....
 Bieber, Regina, 119 W. 119th, Mn.....
 Biggs, James A., Mahwah, N. J.
 Bildersee, Isaac, 94 Lawrence, Bn.....
 Billingham, Frank L., 208 8th Ave., Bn...
 Bingham, Nellie Holmes, 152 E. 22d, Mn...
 Birnbaum, Simon, 414 E. 169th, Bx.....
 Bishop, Merle L., 279 McDonough, Bn.....
 Black, Dorothy A. (Mrs.), 63 N. Walnut,
 E. Orange, N. J.
 Black, Edna A., 129 E. 10th, Mn.....
 Blackwell, Nannie G., 27 W. 11th, Mn....
 A H. ED; 9-16-07
 A FHD, Boys; 9-6-18
 A E, HSC; (4-1-07) 9-11-14
 A L (Chg An), RH; 9-16-07
 A G, Stv; (9-8-05) 3-1-06
 A St Tp, JR; (11-1-98) 9-8-16
 A P, Coml; (11-1-05) 9-11-11
 A M, EH; 6-28-16
 Lib A, Girls; 2-2-20
 A D, Bwk; (10-13-14) 9-8-16
 A Cv, HSC; 5-3-20
 A St Tp, JR; (11-1-98) 9-8-16
 A Sp, Boys; 10-1-17
 A PT, EH; (11-1-05) 9-5-19
 A E, MT; (12-2-01) 9-10-20
 A Coml, EvC; 12-15-09
 1 A Coml (Adm), B of E; 4-11-01
 (2-1-10)
 1 A B (Ch), Stv; 10-1-12 (9-29-19)
 A El, WI; 9-8-16
 A E, DWC; 9-19-98
 A E, Bwk; 9-5-13
 A Cv, Boys; 9-10-20
 A Acc & Bus Pr, JR; 9-8-16
 A Mu, JR; 9-11-14
 A H, GW; 9-11-14
 A C, HSC; 9-14-03
 A H, Wdl; 2-3-13
 A PT, TR; (1-5-14) 11-1-17
 A Coml, Haaren; 10-15-14
 Adm A M, BR; 3-2-08
 A Coml, JR; 9-11-14
 A E, WI; (10-17-97) 9-9-01
 A Coml, WI; 9-14-03
 A St Tp, Ms; 4-8-12
 A M, Ms; (2-1-10) 9-9-10
 A E, MT; (10-21-01) 2-13-13
 A Coml, WI; (1-11-04) 9-24-14
 A M, Boys; 9-9-12
 A E, HSC; (4-1-03) 10-1-12
 A Sp, Bwk; 3-14-13
 A H, Jam; 9-5-19
 A PT, DWC; (3-1-10) 10-1-18
 A H Boys; (9-8-16) 9-5-19
 A M, DWC; 2-1-99
 A C, MT; 2-1-15
 Lib A, ED; 2-2-20
 A D, Bwk; (11-1-04) 10-1-12
 1 A E (Ch), BR; 4-1-03, (2-2-20)
 A St Tp, EvC; 11-1-12
 1 A L & Gr (Ch H L), GW; 9-12-7
 (9-8-99)
 A Coml (Co-ord), Haaren; 9-12-98
 A PT, Bwk; (1-5-14) 11-1-17
 Cl A, HSC; 5-23-19
 A E, DWC; 10-5-14
 A E, DWC; (11-1-05) 11-1-20
 A Art Metal Wk, MT; 10-1-14
 A M, Bry; 2-1-15
 A C, EvC; 9-11-14
 1 A M (Ch), Boys; 2-1-06 (1-2-17)
 A Acct & Bus Pr, WI; 2-17-19
 A D, BR; (1-5-14) 9-10-20
 1 A Mod Lang (Ch F), WI; 9-1-98
 (2-1-10)

Blair, Edith, 581 Lexington Ave., Mn.....	A Sp, WI; 9-8-16
Blair, Elizabeth E., 160 Claremont Ave., Mn.	A Mu, Wdl; (12-1-89) 9-11-05
Blakely, Gilbert S., 2207 University Ave., Bx.	P EvC; 9-12-97 (2-8-09) (9-3-13)
Blanchard, D. Hiram, 170 Brooklyn Ave., Bn.	A M, Boys; 9-9-01
Blankenhorn, Fannie C. (Mrs.), 73 Hanover, Elmhurst, L. I.	A St Tp, Ntn; 3-16-14
Blanpied, Ethel O., 74 Central Ave., N. Brighton, S. I.	A G, Curtis; 9-10-06
Blauvelt, William H., 3001 Briggs Ave., Bx.	A E, EvC; 2-2-20
Blenker, Anna C., 405 W. 118th, Mn.....	A D, Wdl; 9-13-97
Bliss, Ralph P., 2312 Ave. Q, Bn.....	A M (Ch), Coml; 2-1-04
Blodget, Bertha 266 83d, Bn.....	A Sp, BR; 4-1-19
Blodnick, Morris, 580 Marcy Ave., Bn.....	A St Tp, Bwk; (11-1-16) 9-10-20
Blohm, Albert, 244 S. Broadway, Yonkers, N. Y.	A E, HSC; 2-1-15
Bloom, Isidore, 719 W 180, Mn.....	A PT, MT; 3-1-10
Blue, Thomas G., 75 W. 94th, Mn.....	A C, Stv; 2-2-20
Bluestone, Ethel, 144 W. 13th, Mn.....	Cl A, Stv; (6-2-19) 10-1-19
Blum, Gustav, 60 Northern Ave., Bx.....	A El, Stv; (11-1-09) 11-5-17
Blum, Vivienne H., 315 W. 94th, Mn.....	A F, WI; (11-1-10) 2-2-14
Blumenberg, Frieda, 34 Jefferson Ave., Bn.	A Coml, ED; (9-8-02) 10-1-08
Blumenkrantz, Adolph, 174 Woodruff Ave., Bn.	A D, DWC; (9-14-03) 9-8-16
Blume, Julius, 61 Jefferson Blvd., Annadale, S. I.	A G, HSC; (9-8-05) 9-9-10
Boardman, Margarite, 126 E. 60th, Mn....	Lib A, Stv; 9-5-19
Bodler, Sophia L., 1515 Mott Ave., Far Rockaway, L. I.	A Sp G (Ch Mod Lang) FR; 9-11-16
Boecker, Alexander, 907 Union, Bn.....	A Wood Wkg, MT; (12-7-98) 9-11-05
Boehm, Sadie, 215 W. 98th, Mn.....	Cl A, Stv; 4-4-20
Bogart, Elmer E., 227 S. Columbus Ave., Mt. Vernon, N. Y.	P, Ms; 2-1-06 (1-2-17) (1-22-19)
Bogart, Sarah H., 2230 University Ave., Bx.	A L, Ms; (3-11-01) 2-2-03
Bogle, Winifred, 2226 Loring Pl., Bx.....	A G, EvC; 2-16-14
Boland, Joseph, 304 Halsey, Bn.....	A E, Coml; 12-4-18
Bole, John A., 194 S. 9th, Bn.....	1 A Mod Lang (Ch), Bwk; 9-8-02 (2-8-09)
Bolger, Edwin A., 426 Kosciuszko, Bn.....	1 A St Tp (Ch), Coml; (11-15-00) 4-1-02 (6-1-14)
Bond, Raymond T., 244 Stoothoff Ave., Richmond Hill, L. I.	A E, RH; 6-28-16
Bonney, Louise E., Oneida, N. Y.	A E, WI, 6-28-16
Book, Arthur E., 12 Euclid, Forest Hills, L. I.	Adm A, Coml, Ntn; 2-1-10
Boole, Florence A., 525 5th, Bn.....	A E, MT; (11-1-07) 12-1-09
Booth, Frederic M., 230 St. James Pl., Bn.	A Coml, Coml; 2-1-11
Booth, Mary S., 140 Claremont Ave., Mn..	A D, WI (2-5-06) 2-1-11
Borges, Remedios C., 544 W. 157th, Mn..	A Sp, JR 2-16-20
Borklund, C. Arthur, 242 E. 202d, Bx....	A E, JR; (12-1-04) 9-6-18
Bose, Henry P., 909 Green Ave., Bn.....	A G, Jam; 6-28-16
Boughton, Willis, 364 E. 21st, Bn.....	A E, EH; 2-1-99
Bouvard, Germaine P. M., 544 W. 149th, Mn..	A F, WI; (11-1-09) 9-11-11
Bové, Anthony J., 307 Grant Ave., Bn.....	A Sp, Coml; 2-1-15
Bowie, Arthur, 1722 Caton Ave.....	A E, Boys; (11-1-10) 2-1-21
Bowles, Frank C., Ramsey, N. J.....	A M, HSC; 9-5-13
Bowman, Cora M., 151 W. 105th, Mn.....	A M, Wdl; 4-1-00
Bowman, Leon C., 317 S. 5th Ave., Mt. Vernon, N. Y.	A M, EvC; 9-5-19
Bowman, Nina, 527 W. 121st, Mn.....	A L, EvC; 11-1-07
Boxold, Agnes, 1924 E 17, Bn.....	A E, EH; 11-1-20
Boyd, Martha J., 509 W. 121st, Mn.....	A F, JR; 9-11-14
Boyd, Maurice C., Bloomfield, N. J.....	A D, Boys; 1-4-04
Boylan, Arthur A., 976 Anderson Ave., Bx.	P, GW; (1-4-04) 2-1-11 (11-1-15) (3-16-20)
Boylan, Frank, 2 St. Nicholas Pl., Mn.....	A El, DWC; (9-7-06) 5-1-18
Boyle, Isabel, 1410 Beverly Rd, Bn.....	A H, EH; (11-1-07) 2-1-21
Boynton, Carolyn A., 33 W. 51st, Mn.....	A E, Flg; 9-9-10
Boynton, George E., 304 E. 18th, Bn.....	1 A H (Ch), EH; 9-13-97
Brace, Charles T., 530 Chestnut, Richmond Hill, L. I.	A Science, Bwk; 9-1-94
Brace, Edith M., 353 Jefferson Ave., Bn...	A B, ED; 10-12-08
Brackett, Mary M., 780 Riverside Dr., Mn.	Cl A, Wdl; 2-1-00
Bradburn, Grace, 325 Jay, Bn.....	A St Tp, EH; (12-1-10) 2-2-20

- Bradford, Emilia F. (Mrs.), 4407 4th Ave., Bn. A Sp L, NU; (2-1-06) 5-10-17
- Bradley, Frederick E., Silverton Ave., Wanta- tagh, L. I. A Coml, Coml; 9-11-14
- Bradley, Susan M., 53 Union Ave., Jamaica, L. I. A E, Jam; 5-8-11
- Brady, Anna F. (Mrs.), 560 W. 192d, Mn. Cl A, DWC; 2-2-14
- Brady, Helen E., 1404 Pacific, Bn. A E, BR; 9-11-16
- Bradshaw, Wilmar H., 110 Shelton Ave., Jamaica, L. I. A PT, Stv; (2-3-13) 2-4-20
- Braman, Mary L., 514 5th, Bn. A B, MT; 1-4-04
- Brand, Josephine, 505 W. 142d, Mn. A M, EvC; (2-8-09) 11-3-13
- Brand, Louis, 2261 Bathgate Ave., Bx. A St Tp, GW; 5-1-11
- Brandeis, Clara, 60 W. 129th, Mn. A Sp, GW; (11-15-88) 2-1-19
- Branower, Solomon, 1815 7th Ave., Mn. A P, ED; (12-1-02) 2-2-14
- Branson, J. Hood, 2351 Grand Concourse, Bx. A C, EvC; 6-28-16
- Branson, Roswell H., Dobbs Ferry, N. Y. A L, EvC; 11-3-13
- Brauman, Rebecca, 630 E. 170th, Bx. A H, JR; 11-1-20
- Breckenridge, William E., 21 Sycamore Ave., Mt. Vernon, N. Y. 1 A M (Ch), Stv; 9-17-99 (1-1-07)
- Breiling, Ralph, 15 Argyle Rd., Bn. A MD, Stv; (10-1-14) 11-1-20
- Brennan, Alfred T. V., 106E 81st, Mn. A Ec, HSC; (4-6-98) 2-1-10
- Brennan, Francis E., 111 Flushing Ave., Jamaica, L. I. A PT, Coml; 2-13-19
- Brenner, Charlotte, 1502 Bushwick Ave., Bn. A St Tp, WI; 6-28-16
- Bresel, Jennie K., 965 Whitlock Ave., Bx. A M, TR; 10-1-14
- Bressler, Helen B., 158 2d Ave., L. I. City, L. I. A Sewg & Dressmkg (Adm), WI; 2-1-11
- Brevoort, Carson, 161 Henry, Bn. Lib A, Coml; 4-1-19
- Brewer, Francis E., 41 Hamilton Ave., New Brighton, S. I. A F L (Chg An), Curtis; 11-2-98
- Brickelmaier, Alice G., 639 Carleton Ave., Bn. A M, EH; 9-10-01
- Bricker, Harry C., 156 Vernon Ave., Bn. A E, DWC; 10-1-17
- Bridgeman, William C., 249 Gates Ave., Bn. A Mu HSC; 4-4-20
- Bridgman, Anne T., 320 W. 83d, Mn. A H, Ms; 2-8-09
- Briggs, Emily E., 253A Brooklyn Ave., Bn. A L, Girls; 12-2-01
- Briggs, Eva E., 92 Gates Ave., Bn. A M, Bwk; 9-14-08
- Bright, Robert A., 6 Church, Paterson, N. J. A C, Stv; 9-14-08
- Briley, Elsie N., 1130 Bergen, Bn. A El, BR; 2-1-15
- Britton, Josephine, 284 Lafayette Ave., Bn. A E, Bwk; 10-29-14
- Broadhurst, Philip H., 169 Stratford Rd., Bn. A C, DWC; (3-2-03) 2-2-10
- Brockman, May E., 619 E. 127th, Mn. A Cooking (Chg An), JR; (3-1-04) 12-4-11
- Brodoski, Alexander, 127 Sutter Ave., Bn. A P, Bwk; 6-28-16
- Brody, Alexander, 84 W. 113th, Mn. A St Tp, DWC; (9-7-06) 4-9-17
- Brooks, Lea L. (Mrs.), Croton-on-Hudson, N. Y. A F, FR; 9-9-12
- Brooks, Mabel F., 40 Morningside Ave., Bx. A E, TR; 11-17-13
- Broomall, Laura B., 1123 Bayport Pl., Far Rockaway, L. I. A B, FR; 12-4-11
- Brower, Janc, 1475 Jefferson Ave., Bn. Lib A, Bwk; 9-5-13
- Brown, Adelaide W., 22 Monroe, Bn. A E, Jam; (9-13-97) 9-10-00
- Brown, Adelaide P. (Mrs.), 115 Ithaca, Elmhurst, L. I. A H, Ntn; 11-14-18
- Brown, Albert M., 966 St. Marks Ave., Bn. A B, Coml; 2-1-15
- Brown, Charles G., 9127 Hollis Ct. Blvd., Jamaica, L. I. A M, Jam; 9-5-13
- Brown, Ethel E., 510 Gardens Apt., Forest Hills, L. I. A G, RH; 9-11-14
- Brown, G. Victor, 428 Monroe, Bn. A E, Coml; (11-3-19) 2-2-20
- Brown, Herman, 1121 West Farms Rd., Bx. A PT, ED; 5-3-20
- Brown, Leon A., 25 Clinton Ave., Ossin- ing, N. Y. A P, Stv; 9-26-18
- Brown, LuNette M. (Mrs.), 385 Clinton Ave., Bn. A PT, Bwk; 11-2-08
- Brown, Merton A., 202 79th, Bn. A Physiog, MT; (12-1-03) 2-3-13
- Browne, Frances E., 446 Ocean Ave., Bn. A F, EH; 2-8-09
- Browne, Mabel E., 1539 Pacific, Bn. A M, MT; 6-28-16
- Brownell, George E., 215 67th, Bn. A Coml, NU; (4-20-08) 2-1-18
- Brownlee, Raymond B., Woodmere, L. I. A P (Ch), Stv; 12-2-01
- Brownrigg, Jeanette S. (Mrs.), 688 Putnam Ave., Bn. Cler A, Coml; (9-9-01) 11-15-17
- Bruce, G. Garden, 102 Garfield Pl., Bn. A Joinery, Bwk; (10-2-11) 3-25-15
- Bruce, Murray, 615 52d, Bn. Adm A E, Stv; 1-2-07

Bruce, Walter A., 2168 7th Ave., Bx.....	A St Tp, EvC, 9-12-10
Bruckman, Louisa, 209 W. 97th, Mn.....	1 A B (Ch) BR; (10-13-92) 11-3-02 (4-8-12)
Bruere, Alice H., 507 Madison Ave., Mn..	A P, Wdl; 9-30-01
Bruggeman, Josephine, 217 W. 68th, Mn....	Lab A B, DWC; 2-17-19
Brummer, Sidney D., 1356 Madison Ave., Mn.....	1 A H Boys; (2-1-00) 3-2-08 (2-5-17)
Brun, Blanche (Mrs.), 600 W. 183d, Mn..	A F, Ms; (11-3-02) 9-5-13
Brundage, Howard, 226 Seeley, Bn.....	A Joinery, MT; 9-5-13
Brundage, Milton B., 2240 84th, Bn.....	A P, Stv; 10-1-09
Bruning, Emilie E., 317 73d, Bn.....	A Sp, BR; 10-1-17
Bryan, Alfred C., 416 Clermont Ave., Bn..	1 A H & Cv (Ch), HSC; 2-6-05 (1-1-12)
Bryan, Elizabeth M., 29 E. 29th, Mn.....	A E, WI; 6-28-16
Bryan, Jennie B., 556 Halsey, Bn.....	A Cv, Boys; (9-9-01) 2-1-21
Bryan, Mary M., Armour Ville Pk., Bronx- ville, N. Y.....	A Physiol, EvC; 6-28-16
Bryant, Arthur A., 120 Convent Ave., Mn.	1 A Classical. Lang (Ch), DWC; 4-1-09 (6-1-14)
Bryant, Elizabeth E., 145 Prospect Pk. W., Bn.....	A L, MT; 9-14-03
Bryant, Frank L., 466 E. 17th, Bn.....	A Physiol, EH; 9-12-98
Bryant, Emma B., 16 Bayley Ave., Yon- kers, N. Y.....	A F (Ch), Ms; 10-10-07
Bryant, Grace, Woodside Ave., Woodside, L. I.....	Cl A, Ntn; 2-6-11
Bryant, Helen W., 272 Lewis Ave., Bn....	A E (Ch), G Coml; 6-28-16
Buchbinder, Anton, 1005 E. Parkway, Bn..	A MD, Coml; (11-3-04) 11-3-19
Buchbaum, Nellie E., 777 E. 179th, Bx....	A M, HSC; (9-5-13) 12-2-18
Buck, Helen I., 62 Wall, N. Brighton, S. I.	A Sp, WI; 2-3-19
Buckley, Florence R., 34 Jefferson Ave., Bn..	A Coml, ED; 10-15-14
Bucksey, Addie M., 31 Ormond Pl., Bn....	A Acc & Bus Pr, GComl; 9-10-20
Bugbee, Harriett C., 400 W. 118th, Mn....	A M, Wdl; 9-10-00
Bunnekamp, William E., 143 Phelps Ave., Englewood, N. J.....	A E, Stv; 3-15-20
Bunning, Edward, 1400 University Ave., Bx.	A St Tp, TR; (11-1-06) 9-11-16
Burchard, Anna T., 405 W. 118th, Mn.....	A M Wdl; 3-3-02
Burdick, Mabel G., 35 Harrison, Stapleton, S. I.....	A M, Curtis; 10-1-09
Burlingham, Gertrude S., 556 Lafayette Ave., Bn.....	A B, ED; 9-14-08
Burn, Alice M., 469 Washington Ave., Bn..	A D (Ch), ED; (2-8-93) 9-10-00
Burns, Jerome F., 1649 Tapping Ave., —..	A Ec, DWC; 2-1-21
Burnham, R. Wesley, 1801 Dorchester Rd., Bn.....	P Haaren; 11-13-99 (9-8-20)
Burrage, Myra A., 94 Brooklyn Ave., Bn..	A F G, RH; 9-8-13
Burritt, Alice R. (Mrs.), 449 E. 123d, Mn..	A E, Wdl; 9-8-02
Burrows, Helen J., 507 W. 112th, Mn.....	A E, Curtis; (2-2-14) 10-2-16
Burt, Clara M., 1 W. 127th, Mn.....	A C P, Ms, 9-11-99
Busbee, Christiana, 43 Union Pk. Ave., Jamaica, L. I.....	A M, Jam; 9-9-10
Busch, Ella A., 2940 Broadway, Mn.....	A Sp, G HSC; 9-9-10
Bush, Mary F., 342 E. 17th, Mn.....	Cl A, WI; 11-3-13
Bushong, Alice M., 442 9th, Bn.....	A G, FR; 9-5-13
Buskin, Nathan E., 1236 Grand Concourse, Bx.....	A E, HSC; (2-1-10) 9-9-10
Butler, Evelyn M., 601 W. 127th, Mn.....	A PT, Ms; (12-1-03) 9-9-10
Butler, Alice S., 549 E. 86th, Mn.....	A E, TR; 6-28-16
Buttner, Frieda, 985 Aldus St., Bx.....	A G, WI; (10-5-99) 2-5-03
Buttrick, Harold E., 1258 President, Bn....	P HSC; 1-2-96 (10-22-20)
Byrne, Margaret C., 338 Decatur, Bn.....	A M, Bry; (11-1-05) 9-28-00
Byrne, Reuben M., 1024 Boston Rd., Bx....	A Sp, DWC; 9-8-16
Byrnes, Esther F., 193 Jefferson Ave., Bn..	A Physiol. Girls; 1-31-98
Byron, Belen L. (Mrs.), 186 Hancock, Bn.	A Sp, RH; 10-1-19
Byron, Lillian V., 306 Haven Ave., Bx....	Cl A, EvC; 2-2-20
Byron, Thomas W., 306 Haven Ave., Bx....	A St Tp, HSC; 9-4-12

C

Cady, Henry D., 39 Linden, Bn.....	A Mech Shop Prac, Bwk; 9-8-16
Cahill, John, 671 Decatur, Bn.....	A M, Boys; 9-10-20
Cahill, John P., 51 Clark, Bn.....	A Coml (Ch), NU; 2-1-06
Cahill, Margaret, 316 W. 84th, Mn.....	A E, Wdl; 9-12-98
Cahill, Mary F., 2 Beekman Pl., Mn.....	1 A St Tp (Ch), JR; 5-4-12 (9-5-19)
Cahill, Rose H., 989 Sterling Pl., Bn.....	1 A H (Ch), Girls; 9-16-91 (3-1-10)

- Cairns, Alexander, 150 4th, Woodside, L. I. A PT, DWC; 9-11-14
 Caldwell, Ruth E., 716 Union Ave., Bx.... A Cv, Ms; 2-2-20
 Callanan, Thomas J., 513 Throop Ave., Bn.. A Coml, Coml; 2-1-94
 Cambern, J. Raymond, 1142 Pacific, Bn.... A E, MT; (11-1-04) 10-1-12
 Cameron, Alix S., 34 Wellington Ct., Bn.. A D (Ch), EH; 11-1-10
 Cameron, Margaret V., 260 Cumberland, Bn A Sp, EH; 9-6-18
 Cameron, Walter S., 2625 Grand Ave., Bx.. A B, Wdl; 2-8-09
 Campbell, Calvin V., 302 Brooklyn Ave., Bn. A E, Coml; (11-1-07) 3-2-08
 Campbell, Daniel R., 1010 Tremont Ave., Bx. A P, Stv; 10-1-20
 Campbell, Harold G., 257 Madison Ave.,
 Flushing, L. I. P, Flg; (11-2-03) 9-9-10 (9-8-20)
 Campbell, Joseph A., 923 Putnam, Bn..... A Mu, ED; (4-1-89) 3-3-02
 Campbell, Ralph, 700 W. 179th, Mn..... A G, DWC; 9-12-04
 Candee, Benjamin K., 705 Crotona Pk., Bx. A Coml, HSC; (4-1-07) 9-1-14
 Cann, Bertha, 90 Downing, Bn..... A E, Girls; 9-9-07
 Caplan Elias N., 179 Hancock, Bn..... 1 A E (Ch), FR; (2-1-00) 2-5-06
 (11-3-19)
 Carey, Alice M., 196 Edgecomb Ave., Mn.. A H, Ms; (9-8-05) 9-9-10
 Carey, Charles H., 300 Parkside Ave., Bn.. 1 A PT (Ch), Coml; 4-2-06
 Carey, Margaret E., 21 State, Flushing, L. I. A Coml, Flg; 9-14-08
 Carleton, Elizabeth G., 854 W. 180th, Mn... A F, Ms; 9-10-20
 Carleton, Guy M., 50 Vanderbilt Ave., Mn. A E, HSC; 2-1-06
 Carll, L. Adele, 105 Morningside Dr., Mn A El, Bry; 12-1-09
 Carlson, Carl O., 789 E. 166th, Mn..... A M, DWC; (1-4-98) 3-15-20
 Carnahan, C. Grace, 564 Riverside Dr., Mn. A Sp (Ch), Ms; 9-12-18
 Caron, Emma C., 16 W. 70th, Mn..... A Mu (Ch), WI; 9-11-14
 Carpenter, Anna E., 161 Emerson Pl., Bn.. A D, WI; (3-1-04) 9-11-14
 Carpenter, Laura E., 103 Morningside Ave.,
 Mn. A (Co-ord), Coml, Haaren; (5-21-95)
 9-11-16
 Carpentier, Marius, 602 Madison, Bn..... A F, Boys; (11-2-03) 4-8-12
 Carr, Agnes, Post Rd., White Plains, N. Y. A L, Ms; 4-23-00
 Carrel, M. Louis, 569 W. 159, Mn..... A F, Coml; 2-1-15
 Carroll, Arthur T., 442 Bainbridge, Bn.... A PT, Boys; 9-5-19
 Carroll, Ethel M. (Mrs.), 9 Grant Ave.,
 White Plains, N. Y..... A PT, EvC; 5-3-20
 Carson, Clara Louise, 81 Ludlow, Yonkers,
 N. Y. A Cv, Wdl; 10-1-19
 Carter, Bertha, 287 Jamaica Ave., L. I. City A B (Ch), Bry; (9-1-96) 4-1-00
 Carter, Effie A., 211 Clinton, Bn..... A P, Girls; 2-1-07
 Caryl, Ethel E., 419 W. 119th, Mn..... A St Tp, TR; 9-8-16
 Case, Florence L., 5 Adams, Port Washing-
 ton, L. I. A L, Flg; 11-3-13
 Casey, Ellen R., 149 Queens Blvd., Elmhurst, L. I. A D, Bwk; 2-2-20
 Cashen, Anna D., 111 Elm, New Rochelle,
 N. Y. A Ec, TR; (9-11-05) 9-5-19
 Cashman, Joseph F., 35 Lakeside Dr., Rock-
 ville Center, L. I. A E, EH; (3-26-01) 9-10-06
 Cass, Harry, 53 W. 117th, Mn..... A FHD, Coml; 9-30-20
 Cassel, Theresa, 610 W. 113th, Mn..... A Sp, TR; 9-11-14
 Cassett, Edith, 508 W. 114, Mn..... Lab A PC, BR; (9-5-13) 4-1-21
 Castro, Fausta Negri (Mrs.), 33 Bank,
 Mn. A F, WI; 6-28-16
 Caswell, Leon A., 7 Toledo, Elmhurst, L. I. A Cv, Ntn; (2-2-01) 2-2-20
 Cattell, James E., 212 W. 80th, Mn..... A B, Coml; 9-10-20
 Catren, Ida M., 163 6th Ave., Bn..... A St Tp, BR; 9-9-01
 Cauvet, William H., 20 Cloverhill Pl., Mont-
 clair, N. J. A Pattern Mkg, MT; (3-4-11) 3-3-19
 Cavalier, Emilie M. (Mrs.), 13 E. 124th,
 Mn. A F, Wdl; (5-18-96) 2-2-03
 Cawley, Charles A., 1019 Trinity Ave., Bx. A St Tp, BR; (9-11-16) 2-2-20
 Center, Stella S., 434 W. 120th, Mn..... A E, JR; 9-11-14
 Cerow, Georgia A., 2578 Bedford Ave., Bn. A M, EH; 6-28-16
 Cetron, Celia, 168 Pulaski, Bn..... Cl A, Boys; 11-18-18
 Chamberlain, Raymond, 316 Knickerbocker
 Ave., Paterson, N. J. A P, DWC; (10-19-03) 2-1-10
 Chamberlain, Sophie T. (Mrs.)..... A F, DWC; 2-2-20
 Chankin, Victor, 1050 Hoe Ave., Bx..... A F, DWC; 6-28-16
 Chapin, Abby F. (Mrs.), 232 W. 14th, Mn. A E, RH; 9-9-10
 Chapin, Henry E., 49 Lefferts Ave., Rich-
 mond Hill, L. I. A B, Physiog Physiol, RH; 2-1-00
 Chapin, Jennie E., 37 Briggs Ave., Richmond
 Hill, L. I. A PT (Ch), RH; 9-10-06
 Chapman, Frances E., 234 Amity, Flush-
 ing, L. I. A H, Flg; 2-17-01

- Charles, John F., 347 Manhattan Ave., Mn.
 Chater, Ellen Mc R. D., 106 E. 52, Mn....
 Chatfield, William A., Millington, N. J....
 Chatterton, Minnie E., 85 Pierpont, Bn....
 Cheitman, Philip, 201 E. 109th, Mn.....
 Cheney, Jeanette N. (Mrs.), 104 W. Lincoln Ave., Mt. Vernon, N. Y.....
 Cheney, Thomas C., 229 W. 101st, Mn.....
 Cherington, Frank B., 222 W. 23d, Mn....
 Chesley, Mabel L., 446 Ocean Ave., Bn....
 Chestnut, D. Howard, 4707 Bay Pkway, Bn.
 Cheston, Henry C., 89 Bruce Ave., Yonkers, N. Y.
 Chickerling, Edward C., 76 Herriman Ave., Jamaica, L. I.
 Chilcott, Clio M., 27 W. 11th, Mn.....
 Child, Andrew M., 11640 Frost Ave., S. Ozone Pk., L. I.
 Childs, Lelia M., 1112 Dean, Bn.....
 Choffin, Irene M., 2889 Bainbridge Ave., Bx.
 Christianson, Addie O., 288 Clinton, Bn....
 Churchill, Martha B., 611 W. 11th, Mn....
 Christopher, Katharine M., 215 E. 15th, Mn.
 Clabault, Gwendolin, 352 W. 115th, Mn....
 Claffy, Catharine, 245 Carroll, Bn.....
 Clark, A. Mortimer, 1530 E. 17th, Bn.....
 Clark, Agnes E., 90 E. 18th, Bn.....
 Clark, Helen A., 206 McDonough, Bn.....
 Clark, Henry F., 115 Simonson Ave., Stapleton, S. I.
 Clark, Jennie M., 509 W. 121st, Mu.....
 Clark, John A., 811 Ocean Ave., Bn.....
 Clark, John P., 66 St. Marks Ave., Bn....
 Clark, Naomi S. F. (Mrs.), 203 W. 103d, Mn.
 Clark, Randolph F., 195 Christie Hts.....
 Leonia, N. J.
 Clarke, Eleanor P., 243 Sanford Ave., Flushing, L. I.
 Clarke, Harold A., 56 W. 50th, Mn.....
 Clarke, Helen M., 504 W. 112th, Mn.....
 Clarke, James J., 442 74th, Bn.....
 Clarke, Madge S., 64 Montague, Bn.....
 Clarke, Teresa A., 891 Fresh Pond Rd., Bn.
 Clarke, William A., 357 E. 137th, Bx....
 Clary, Margaret E., 44 Hardenbrook Ave., Jamaica, L. I.
 Clauder, Fannie N. (Mrs.), 669 Putnam Ave., Bn.
 Clegg, Ambrose A., 181 Dennis Ave., Bn..
 Clement, Fannie M., 261 Greene Ave., Bn..
 Clendenin, William W., 120 Vista Pl., Mt. Vernon, N. Y.
 Clinton, Fanny L., 427 Nostrand Ave., Bn.
 Close, Maud M., 54 Wall, New Brighton, S. I.
 Clough, Harvey B., 489 Myrtle Ave., Flushing, L. I.
 Clough, Jessie L., 1947 Broadway, Mn.....
 Coan, Charles W., 625 Westminster Rd., Bn.
 Cochran, Thomas, The Court, Rochelle Pk., New Rochelle, N. Y.
 Coffin, Isabelle P., 116 Garfield Pl., Bn....
 Cohen, A. Broderick, 41 Clarkson, Bn.....
 Cohen, Bertha, 5205 3d Ave., Bn.....
 Cohen, Frances, 92 Woodruff Ave., Bn.....
 Cohen, Helen L., 38 W. 93d, Mn.....
 Cohen, Henry, 4 E. 119th, Mn.....
 Cohen, Henry, Findlay Ave., Bx.....
 Cl A, Buck; 11-1-20
 A E, JR; 3-11-09
 A D, Stv; (1-4-97) 9-9-10
 A M, Girls; 4-1-07
 A Sp, EvC; 10-1-19
 1 A FA (Ch), WI; (2-1-04)
 12-1-09 (10-1-19)
 A M, Stv; 2-1-10
 A E, HSC; 9-6-18
 A E, EH; 9-10-06
 A St Tp, Coml; 2-23-09
 1 A P & Physiog (Ch P), HSC;
 9-10-00 (9-1-05)
 1 A L & Gr (Ch), Jam; (9-1-98)
 9-1-07
 A F, WI; 2-4-13
 A L, Boys; 2-1-15
 A M, Coml; 9-14-08
 A E, Ms; 9-10-20
 A E, JR; (3-16-98) 9-8-16
 A L, Wdl; 9-10-00
 Lib A, JR; 2-1-15
 A Cv, JR; 11-3-19
 A Sewing & Dress Mkg, WI;
 (2-3-05) 2-3-15
 A E, Boys; (11-1-04) 9-11-16
 A E Boys; (10-4-06) 3-15-20
 A PT, Bwk; (12-17-17) 5-3-20
 A CP, Curtis; 2-10-03
 A M, Stv; 11-1-20
 1 A PhSc (Ch P & C), Coml;
 4-18-04 (1-1-12)
 A M, Stv; 12-15-09
 A Coml, JR; (10-2-93) 2-17-19
 A M (Ch), DWC; 9-12-10
 A L, JR; 9-1-98
 A E, DWC; 2-1-15
 A M, Ms; 9-8-02
 A E, Boys; (2-1-06) 9-10-20
 A E, ED; 2-1-00
 Cl A, Girls; 3-13-13
 A Sp, Ms; 9-10-20
 A FHD, Jam; 2-2-20
 A St Tp, JR; 3-1-17
 A C, RH; 2-1-21
 A St Tp, Bwk; 9-11-14
 A Physiog (Ch), Wdl; 9-10-00
 A E, Girls; 9-14-03
 A E, Curtis; (10-1-02) 9-14-08
 A B, HSC; 3-4-12
 A D (Ch), RH; (5-4-03) 10-2-05
 A MD, MT; 3-2-08
 A M, Stv; 9-11-99
 A E, BR; 9-9-12
 1A Mod Lang (Ch), ED; (1-2-07)
 2-1-07 (2-5-17)
 A M, Bwk; (3-1-11) 4-8-12
 Cl A, MT; (11-1-17) 4-1-19
 1 A E (Ch), WI; 2-1-04 (6-1-14)
 A St Tp, HSC; (4-1-08) 2-16-20
 A Mach Shop, Bry; (11-1-09)
 9-13-17

- Cohen, Jacob, 5302 6th Ave., Bn..... A M, NU; 6-28-16
 Cohen, Jacob, 289 Wyona, Bn..... A PT, Bwk; 2-1-18
 Cohen, James, 345 E. 15th, Mn..... A D, Stv; 9-8-16
 Cohen, Joseph, 194 Lee Ave., Bn..... A E, Bwk; (2-8-09) 9-8-16
 Cohen, Louis R., 1049 Grand Concourse, Bx. A St Tp, JR; (12-4-05) 6-28-16
 Cohen, Morris, 118 43d, Bn..... A M, MT; (1-2-07) 9-9-10
 Cohen, Morris, 292 E. 7th, Mn..... A M, Stv; 3-15-20
 Cohen, Samuel, 105 E. 192d, Mn..... A Coml, TR; (12-1-03) 12-18-11
 Cohen, Theodore, 1160 Bryant Ave., Bx... A C, Ms; 2-3-13
 Cohn, Harry M., 2045 Belmont Ave., Bx... A PT, EvC; 9-15-10 (9-11-16)
 Coleman, Cora L., 836 Tappen Rd., Ann Arbor, Mich. A Sp, EH; 9-10-20
 Coleman, David F., 158 Johnson Ave., Totenville, S. I. A C, Stv; 2-3-13 (6-28-16)
 Colin, Paula V., 726 Union Ave., Bx..... A Cv, WI; (11-25-18) 4-5-20
 Colla, Clara, 620 W. 149th, Mn..... A F, Ms; 6-28-16
 Collier, Katharine B., 282 DeKalb Ave., Bn. A E, Bwk; 9-11-11
 Colligan, Eugene A., 531 Ocean View Ave., 1 A H (Ch Cv), ED; (2-1-10) 9-9-12 (2-2-20)
 Woodhaven, L. I. A PT, Stv; (9-6-12) 10-1-17
 Collins, Albert E., 25 Merritt, Corona, L. I.
 Collins, John A. C., 14 Cleveland, Tompkinsville, S. I. Cl A, HSC; 11-1-05
 Collins, Helen P., 29 Convent Ave., Mn... A Sp, JR; 9-10-20
 Collins, M. Rose, 63 W. 87th, Mn..... A D, GW; (10-6-98) 9-8-16
 Colon, Galevel Torres, 128 W. 142d, Mn... A Sp, Coml; 2-4-18
 Colon, Maria E., 248 Audubon Ave., Mn... A Sp, JR; 2-1-21
 Colony, M. Elizabeth, 14 Parkside Ct., Bn. A PT, MT; (9-14-03) 9-11-05
 Colsten, Albert L., 1556 73d, Bn..... 1 A M (Adm) (Ch), MT; 9-14-03 (9-7-10)
 Coltiletti, Mary, 105 E. 116th, Mn..... A St Tp ED; (4-3-11) 3-1-20
 Coman, Caroline, 170 W. 123d, Mn..... A M, Wdl; 9-8-02
 Combs, Adelaide M. W., 55 Bay 20, Bn... A D, BR; (12-1-84) 2-18-01
 Conant, Fred R., 301 E. 68th, Mn..... A E, Coml; 9-11-11
 Conant, M. Sybil, 92 Gates Ave., Bn..... A St Tp, Bwk; 10-2-11
 Conant, Octavia M., 252 75th, Bn..... Cl A, BR; 2-1-15
 Conklin, Agnes M., 428 6th, Bn..... A E, GComl; 9-10-20
 Conley, William E., 1286 Jefferson Ave., Bn. A B, MT; 9-19-10
 Conn, Charles, 551 W. 174th, Mn..... A St Tp, Ms; (5-1-08) 9-12-18
 Connell, J. Wesley, 2023 Caton Ave., Bn... A L, EH; 9-9-07
 Connelly, Douglas L., 110 Cladwin Ave., Leonia, N. J. A P, JR; (3-11-01) 9-1-15
 Connelly, Eulalia M., 135 Hewes, Bn..... A Coml, Girls; (4-11-96) 9-8-16
 Connor, Edith B., 594 Park Pl., Bn..... Cl A, Bwk; 4-8-12
 Consalus, Frances H., 537 W. 121st, Mn... A Sewing, WI; (9-10-06) 9-9-12
 Constant, Ruth (Mrs.), 621 W. 135th, Mn. Cl A, Stv; 4-1-19
 Constantine, Harriet L., 517 E. 77th, Mn.. A L, Ms; 9-11-99
 Conway, Catharine, 201 W. 108th, Mn..... A Mu, GW; (11-1-07) 2-1-18
 Conway, John J., 594 Eagle Ave., Bx..... A Cv, Ms; (1-6-97) 11-1-20
 Conway, Joseph, 1121 Bedford Ave., Bn... A L, Boys; 10-2-16
 Conway, Richard, 207 W. 142nd, Mn..... A L, DWC; 9-11-16
 Cook, Charles G., 227A Monroe, Bn..... A C, Boys; 3-24-99
 Cook, William T., 10 Sherman Ave., Bx... A PT, DWC; 2-1-15
 Cooley, George E., 14 Irving Pl., Mn..... 1 A PT (Ch), Stv; 2-1-10 (2-2-20)
 Cooley, Helen W., 195 Clermont Ave., Mn. A M, MT; 6-28-16
 Coon, Clifford H., 1032 Mansfield Pl., Bn.. Adm A P, Coml; 9-9-01
 Cooney, Genevieve, 514 W. 114th, Mn.... A El, RH; 9-10-20
 Cooper, Irma J., 221 E. Parkway, Bn..... A H, Girls; 9-5-19
 Cooperman, Henry, 1264 Lexington Ave., Mn. A FHD, HSC; (3-1-07) 10-11-20
 Copeland, George, Lawrence, L. I. A PT, Jam; 5-3-20
 Copeland, Lillian S., 508 W. 114th, Mn... A El, DWC; 2-3-13
 Corbett, Joseph S., 940 E. 174th, Bx..... A M, Stv; 9-11-11
 Corcilius, Inez A L, Curtis; (9-25-00) 2-1-04
 Corcilius, Irene, 132 Park Ave., Jamaica, L. I. A L, Jam; 9-12-04
 Cordera, Gustave, 75 Harrison, S. I. A Sp, Curtis; 9-10-20
 Corey, Grace, 94 Prospect Pk. W., Bn... A H, EH; 9-5-19
 Corliss, Charles E., 1267 Park Pl., Bn..... A Coml, Coml; 2-6-08
 Cornell, Charles F., 33 Alsop, Jamaica, L. I. A M, Stv; (9-18-00) 9-9-10
 Cornish, Robert H., 400 W. 118th, Mn.... 1 A, P Sc (Ch), Wdl; 9-12-97
 Corson, Livingston, 27 Union Pk. Ave., Jamaica, L. I. A E, RH; 10-1-09
 Corwin, Roswell, 552 Monroe, Bn..... A Cv, Coml; (12-17-01) 2-2-20
 Corryell, Nancy G., 1414 Vyse Ave., Bx... A E, TR; (11-17-19) 9-10-20
 Cotter, Julia T., 384 E. 18th, Bn..... A E, MT; 11-2-08

Cottrell, Royal L., 209 Greene Ave., Bn....	A Cv, Coml; (3-1-00) 9-10-20
Couch, Anne M., 718 St. Marks Ave., Bn..	A H, Girls; 12-1-09
Courtenaye, Juanita (Mrs.), 673 Broadway, Mn.	A Sp, Boys; 12-12-17
Courtney, Bertha F., 20 Hillside Ave., New Rochelle, N. Y.	A Coml (Ch), Bry; 9-12-04
Cowan, Georgia C., 39 E. 27th, Mn.....	A D, WI; 9-5-13
Cowles, Clarence E., 224 Amherst Ave., Jamaica, L. I.	A Coml, Jam; (11-1-07) 9-12-10
Cox, Ella M. (Mrs.), 549 Jasmine, Flushing, Cox, Samuel A., 103 Fisk Ave., Maspeth, L. I.	A PT, Ntn; (11-16-14) 11-16-17
Craft, Anna W., Glen Cove, L. I.....	A PT, Ntn; (11-1-07) 9-11-16
Crahan, Mary G., 436 Ft. Washington Ave., Mn.	A D, Ntn; (9-1-93) 9-11-00
Craig, Mary C., 172 Hamilton Ave., New Brighton, S. I.....	A Cooking, WI; (10-1-95) 2-2-06
Cramp, Carrie M., 259 Brooklyn Ave., Bn..	A E, Curtis; 9-8-02
Cranch, Alice R., 1713 75th, Bn.....	A Mu, MT; 9-7-17
Crandell, Helen H., 18 Hamilton Ter., Mn.	A E, Girls; 11-5-19
Crane, Ella E., 2015 Bedford Ave., Bn....	A E, WI; 4-19-20
Crane, George J., 673 Decatur, Bn.....	A H, EH; (9-7-99) 10-1-09
Crane, Lizzie C., 568 William St., E. Orange, N. J.	A E, Boys; 9-8-16
Craver, Edwin H., 820 E. 22d, Paterson, N. J.	A D, Wdl; (9-1-80) 9-3-02
Cremins, Julia C., 356 E. 57th, Mn.....	A St Tp, HSC; 9-12-10
Crennan, Margaret A., 19 Harbor View Ct., Tompkinsville, S. I.	A D (Ch), Wdl; (9-8-14) 9-11-11
Crespi, Alberta R., 465 E. Parkway, Bn....	A St Tp, Curtis; (10-9-93) 9-14-08
Crockett, Esther M. S., 134 Linden Ave., Bn.	A M, EH; 9-8-16
Crocker, Nellie J., 414 W. 121st, Mn.....	A E, ER; (9-12-04) 10-2-11
Cromie, William A., 1213 Main, Madison, N. Y.	A Sp, JR; (9-14-08) 2-2-20
Crooche, Maxwell A., 2121 Foster Ave., Bn..	A Sp, Wdl; (2-1-07) 9-22-08
Crooks, Muriel A., 750 54th, Bn.....	A PT, EH; 9-10-06
Crosbie, Edith (Mrs.), 29 Stuyvesant Pl., New Brighton, S. I.	Lib A, BR; 2-2-20
Crossley, Arthur L., W. 3d, Hicksville, L. I.	A D, Curtis; 9-6-18
Crouch, Frank M., 141 Halsey, Bn.....	Adm A E, Bwk; 9-10-06
Crouthamel, Wallace K., 128 25th, Elmhurst, L. I.	A E, Boys; (2-1-04) 2-1-21
Cullen, Michael J., 1615 Benson, Bx.....	A Coml (Ch), Ntn; 9-11-14
Cumberland, Edith A., 106 Morningside Dr., Mn.	A B, NU; (9-7-17) 9-10-20
Cunniffe, Katharine, 2331 Grand Concourse, Bx.	A PT, Wdl; (1-5-14) 9-8-16
Cunningham, Maud M., 265 Ocean Ave., Bn.	A H, EvC; (11-2-06) 9-11-14
Cuno, Violette B., 500 9th, Bn.....	A H, EH; 12-1-03
Currie, Thomas H., 344 Harrison Ave., Has- brouck Hts., N. J.	A PT, BR; 2-1-15
Currier, Clara L., 749 Ocean Ave., Bn....	A Physiog (Ch P), DWC; 2-2-03
Curtis, Eliza C., 94 Brooklyn Ave., Bn....	A D, EH; 3-13-13
Curtis, Henry S., 4 Terrace Ave., Jamaica, L. I.	A Coml, RH; 9-11-16
Curtis, Osburn Marcus, 18 Curtis Pl., New Brighton, S. I.	A P, Boys; 2-19-00
Cusack, Gertrude, 611 Putnam Ave., Bn....	A H, Curtis; 10-26-00
Cushman, Earl L., 63 8th Ave., Bn.....	A Coml, ED; 10-15-14
Cutler, Sanford L., 103 W. Tremont Ave., Bx.	A G (Ch F), Girls; 2-2-03
Cutts, Susan R., 70 Morningside Dr., Mn..	A L, Ms; 9-11-99
	A St Tp, FR; 3-1-20

D

Daggett, Mabel C., 107 Hancock, Bn.....	A F, Girls; 9-11-14
Dahlberg, Inga J., 574 81st, Bn.....	A E, JR; 9-10-20
Dailey, Frances A., 149 S. Elliott Pl., Bn..	A Mu, Boys; 11-1-12 (9-10-20)
Daley, Eva L., 5 Tompkins Circle, Tomp- kinsville, S. I.	A F, Curtis; 9-5-19
Daley, Helen S., 296 Lafayette Ave., Bn..	A D, WI; (11-1-06) 2-3-13
Daly, Charles, 250 Sherman Ave., Bx.....	A Wood Trng & Pattern Mkg, Stv; 10-8-17
Dame, Lydia M., 253A Brooklyn Ave., Bn.	A E L, Girls; 9-1-94

- Daniels, Ernest D., 157 Midwood, Bn..... A L, Boys; 2-21-01
 Danielson, Carl, 611 W. 158th, Mn..... A Mu (Ch), Stv; 9-11-14
 Dann, Matthew L., 8552 112th, Richmond Hill, L. I. 1 A H (Ch), RH; 2-1-07 (9-9-14)
 Dann, Roland, Seventh Ave. & 4th, Bn..... A Cv, MT; (9-11-08) 11-1-20
 Dare, George F., 53 Hamilton Ave., New Brighton, S. I. A Mu, Curtis; 11-1-20
 Darrin, Mary Reid (Mrs.), 205 St. James Pl., Bn. A Physiog, Bry; (11-1-98) 2-1-00
 Davenport, Helen V., 1274 Pacific, Bn..... A Sp, G, ED; 2-1-15
 Davenport, Florence C., 403 Macon, Bn.... A L, ED; (4-1-07) 2-8-09
 Davenport, Helen V., 1274 Pacific, Bn..... A Sp ED; 2-1-15
 Davidoff, Henry, 2109 Harrison Ave., Bx.. A E, Stv; (3-8-00) 9-8-13
 Davidson, Edna H., 601 W. 137th, Mn.... A Sp, Jam; 2-1-18
 Davidson, Henry, 3287 Decatur Ave., Bn.. A E G, DWC; (12-1-03) 4-8-12
 Davis, Alice, 112 Nagle Ave., Mn..... A H Ms; 2-18-01
 Davis, Eunice M., 203 Underhill Ave., Bn. A M, MT; 3-6-02
 Davis, Frank L. (Miss), 988 Bergen, Bn.... A St Tp (Ch), Girls; 7-1-93
 Davis, Genevieve, 387 Manhattan Ave., Mn. A D, Wdl; 9-10-00
 Davis, Jennie M., Hotel St. George, 51 Clark, Bn. A H, EH; 2-1-99
 Davis, Josie A., 416 W. 118th, Mn..... 1 A L (Ch), Ms; 9-12-97
 Day, Isabelle M. (Mrs.), 17 W. 91st, Mn.. A Sp, Coml; 2-3-19
 Dayhoff, Elsie S. (Mrs.), 911 Summit Ave., Bx. A Sp, Bry; (9-11-08) 9-29-08
 Dean, Nellie, 4 E. 28th, Mn..... A Cooking, WI; (5-24-00) 12-4-05
 Dean, Philip R., 206 E. 200th, Bx..... 1 A M (Ch), EvC; 9-12-97 (2-1-07)
 Decker, Nicholas P., 930 St. Nicholas Ave., Mn. A M, DWC; 4-8-12
 DeCosta, Silvie G., 2390 Creston Ave., Bx.. A D (Ch), EvC; (10-1-99) 9-14-03
 Dee, Marie R., 1113 Teller Ave., Bx..... A Cv, Stv; (11-1-17) 2-2-20
 DeFremery, Henrietta R. (Mrs.), 174 25th, Elmhurst, L. I. A E, JR; (11-1-00) 3-1-05
 DeGraff, Forrest, 142 Park Ave., Leonia, N. J. A M, Stv; 9-11-14
 DeHoff, Leon, 69 N. 38d, Flushing, L. I.. A M, Flg; 9-8-16
 Deihl, Frank E., 50 Chestnut, Flushing, L. I. A, Flg; 9-12-04
 Deixel, Arthur A., 2071 5th Ave., Mn..... A L, DWC; 9-8-13
 Delaney, Edward C., 603 W 51st, Mn..... A H, DWC; (3-1-12) 2-3-13
 Delano, Sally H., 419 W. 119th, Mn..... A L, Wdl; 9-1-97
 de Lautreppe, Waldemar, 395 E. 197th, Bx.. A F, EH; 11-5-08
 Demarest, Peter E., 11 E. 87th, Mn..... P, Bry; (9-1-87) 7-1-97
 Demarest, Helen, Hollis Court, Queens, L. I. A Cv, Coml; 2-7-19
 deMers, Adrienne V., 40 Gramercy Park, Mn. A St Tp, WI; 11-25-12
 Dempsey, Josephine A., 467 55th, Bn..... A St Tp, Bwk; 2-1-15
 Denehy, Bride C. (Mrs.), 57 W. 86th, Mn. Cl A, WI; 2-1-15
 Denenholz, Alexander, 473 Hancock, Bn... A St Tp, Coml; (2-1-07) 2-15-09
 Denfeld, Charlotte S., 1304 Dean, Bn..... A G, Girls; 7-1-95
 Denham, Sidonie B., 184 S. Oxford, Bn.... Cl A, BR; 11-3-19
 Denis, Bertha, 401 W. 117th, Mn..... A M, Wdl; 2-2-03
 Dennis, Julia B., 66 Orange, Bn..... A G, EH; 9-14-96
 Deshel, Morris C., 2486 Valentine Ave., Bx. A Com Cv, DWC; 6-28-16
 de Fremery, Henrietta Rodman (Mrs.), 174 25th, Elmhurst, L. I. A E, JR; 3-1-05
 deVarona, Bertha L., 805 St. Nicholas Ave., Mn. A Sewing, WI; (3-1-95) 2-1-16
 deVillavilla, Maria D., 536 W. 113th, Mn.. A Sp, WI; 2-11-15
 Dewing, Edward O., 234 Linden Ave., Bn.. A F, Bwk; 2-2-14
 DeWitt, Louise L., 666 St. Nicholas Ave., Mn. A E, Ms; 10-1-98
 Diamond, Morris, 198 Jersey, New Brighton, S. I. A M, Stv; 6-28-16
 Dibble, Margaret L., 2017 Caton Ave., Bn.. A PT, EH; (9-11-08) 11-1-17
 Dickinson, Florence, 198 E. 205th, Bx..... A H, Bry; (9-12-04) 9-11-14
 Dickinson, Henry N., 195 Kingston Ave., Bn. A L, MT; 9-10-06
 A H, Bry; (9-20-98) 2-11-01
 A M, Boys; 9-16-07
 A H, Bry; (9-20-98) 2-11-01
 A B, Bwk; 9-5-13
 A H, Ntn; (9-1-98) 11-8-19
 Dickler, Nathan N., 1420 47th, Bn.....
 Dickson, Tenny V., 401 W. 118th, Mn....
 Dietrich, Bertha K., 19 Arlington Pl., Bn..
 Dietrich, Lucy G. (Mrs.), 38 Ocean Ave., Bay Shore, L. I.

Dike, Cornelia A., 648 W. 158th, Mn.....	A E, Wdl; 9-8-02
Dilger, Marie, 76 Herriman Ave., Jamaica, L. I.	A G, Jam; 10-2-11
Dillingham, James D., 189 Denman, Elmhurst, L. I.	P, Ntn; (8-1-94) 2-1-10
Dillon, Olive, 21 E. 89th, Mn.....	A El, EvC; (11-1-17) 10-1-19
Dillon, Sidney, 123 Parlando Ave., Bn....	A C, Coml; 11-1-17
Dinsmore, Ernest L., 436 Lewis Ave., Bn..	A C (Ch), Boys; 2-2-14
Disalvo, Beatrix H. (Mrs.), 6019 Tyndall Ave., Bx.	A El, ED; 2-1-06
Dithridge, Caroline M., 19511 100th Ave., Hollis, L. I.	A L, MT; (3-11-01) 11-3-02
Dithridge, Louise M., 2259 Houghton Ave., Bx.	A B, WI; 10-3-04
Dithridge, Rachel, 19511 Chichester Ave., Hollis, L. I.	A El (Ch), ED; 2-1-06
Dixon, Charles E., Brokaw & Lowell Aves., Floral Pk., L. I.	1 A L (Ch), ED; 12-09-00 (9-4-07)
Dodd, Helen W., 523 E. 77th, Mn.....	A H, WI; 2-6-14
Doggett, Allen B., 628 E. 26th, Bn.....	A D, EH; 9-1-96
Doherty, Helen F., 246 Roseville Ave., Newark, N. J.	A E, WI; 2-3-13
Dolgenas, Jacob A., 188 Hooper, Bn.....	A M, WI; (11-2-03) 2-2-14
Donaldson, Elizabeth, 51 Burns, Forest Hills, L. I.	A E (Chg An), JR; 9-11-14
Donaldson, George, Grantwood, N. J.....	A Physiol, DWC; 10-30-99
Donner, H. Montagu, 48 Claremont Ave., Mn.	A F, DWC; 2-1-99
Donohoe, John A., 943 Teller Ave., Bx.....	A Coml, EvC; (12-1-04) 2-5-17
Donohue, Eleanor, 73 Sampson, Elmhurst, L. I.	A E, JR; 9-10-20
Donohue, John J., 1137 Longfellow Ave., Bx.	A E, Stv; 9-8-16
Donovan, Bernard J., 525 68th, Bn.....	A H, BR; 4-9-17
Donovan, Helen C., 501 Park Pl., Bn.....	A Coml, JR; 2-1-15
Donovan, Herbert D. A., 121 Decatur, Bn..	A H, Coml; 9-12-10
Donvan, Walter J., 464 Bainbridge, Bn....	A B, Coml; (1-10-12) 9-9-12
Dooley, Raphael C., 720 Jefferson Ave., Bn.	A E, Boys; (2-1-10) 9-6-18
Dore, Edward S., 124 E. 58th, Mn.....	A E, DWC; 9-10-20
Doris, Charles, 8799 17th Ave., Bn.....	A M, NU; (11-1-09) 2-5-17
Dotey, Aaron L., 48 Adrien Ave., Mn.....	1 A L (Adm), DWC; 9-10-00 (2-5-17)
Doty, Eleanor S., 114 Morningside Dr., Mn.	A E, Wdl; 3-1-12
Dougine, Genevieve N., 2261 Loring Pl., Bx.	A E, JR; (9-12-04) 2-1-15
Douglas, Charles H. J., 815 Marcy Ave., Bn.	1 A E (Ch), NU; 7-1-88 (9-12-97)
Douglas, Clara M., 177 Woodruff Ave., Bn.	A F, EH; 9-21-08
Doux, Mary F., 29 E. 29th, Mn.....	A D, WI; 9-7-17
Dowd, Mary T., 22 Pierrepont, Bn.....	A Cooking, WI; (11-2-03) 9-20-05
Dowell, Philip, 86 Bond, Port Richmond, S. I.	A B, Curtis; 10-1-02
Dowlin, Jennie B., 115 Hampton, Elmhurst, L. I.	A F, Ntn; 2-3-19
Dowden, Florence A., 50 Morningside Ave., Mn.	Lib A Wdl; 2-2-03
Downey, Frank, 92 Van Buren, Bn.....	A Mu, Stv; (2-7-00) 10-1-09
Downing, George B., 1134 St. Johns Pl., Bn.	A M, Boys; 10-1-09
Dox, Elmer A., 208 N. Maple Ave., E. Orange, N. J.	A L, HSC; 2-2-14
Doyle, John W., 42 Jane, Mn.....	A H, JR; (4-8-12) 2-3-19
Doyle, Thomas L., 1318 Madison, Bn.....	A E, Bwk; (11-1-06) 2-3-13
Drachman, Julian M., 128 W. 121st, Mn....	A E, HSC; 9-10-20
Drake, Ruth W., 547 Wl 123d, Mn.....	A D, Wdl; (2-1-05) 10-1-09
Dressner, Robert H., 2074 Vyse Ave., Bx..	A H, HSC; (5-15-14) 11-1-20
Drew, Celia A., 133 W. 12th, Mn.....	A E, HSC; 2-1-15
Drew, A. Virginia (Mrs.), 57 W. 10th, Mn.	A St Tp, WI; 4-13-14
Dreyfus, Jeanne, 520 W. 124th, Mn.....	A E, ED; (10-1-03) 3-2-14
Drucker, Max, 30 E. 128th, Mn.....	A MD, Bry; (11-1-05) 2-1-15
Duffy, Elizabeth F., 332 W. 56th, Mn.....	A Coml, JR; (9-1-97) 3-1-17
Duffy, Katharine H., 1518 Woodhaven Rd., Woodhaven, L. I.	A Sp, ED; (2-16-01) 10-16-14
Duggan, Edward F., 19 Florence Pl., Princess Bay, S. I.	A Acc & Bus Pr, Curtis; (2-9-03) 2-2-20
Dumond, Helen M., 496 10th, Bn.....	A E, MT; 9-10-20
Dunbar, John D., 195 Halsey, Bn.....	A St Tp, Jam; 9-8-16
Dunbar, William F., 3 Cambridge Pl., Bn..	A H, Stv; (1-2-01) 2-2-14
Duncan, Edith M. (Mrs.), 301 E. 23rd, Mn.	A M, EH; 6-28-16

- Dundish, Rachel G. (Mrs.), 63 Fennimore, Bn. A St Tp, Bwk; (11-1-04) 10-1-19
- Dunford, Honora A., 110 Morningside Dr., Mn. A Sewing & Dressmkg, WI; 9-27-10
- Dunn, Lillian C., 354 Ocean Ave., Bn. A M, EH; 9-11-14
- Dunnet, Christina, E. 98th and Farragut Rd., Bn. A B, MT; 2-2-20
- Durand, William B., 371 E. Parkway, Bn. A PT (Ch), Bwk; 12-4-11
- Durfee, Clayton G., 732 E. 234th, Bx. A E (Chg An), EvC; (3-11-01) 9-28-08
- Durkin, William J., 94 W. 162nd Mu. A H, TR; 11-1-20
- Duschatko, Alfred, 493 Fletcher Pl., Bx. A M, HSC; 2-3-13
- Dyer, Cecil B., 545 W. 148th, Mn. A E, DWC; 9-10-20

E

- Eager, Mary M., 204 W. 82d, Mn. Cl A, Coml; (11-1-07) 11-18-18
- Earle, Ruth M., 38 Campion Ave., Jamaica, L. I. A PT, Jam; 4-4-20
- Earle, Willis, 119 Montague, Bn. A E, EH; 9-12-98
- Eastman, Marjorie, 27 W. 84th, Mn. A E, Ms; 9-11-11
- Eaton, Arthur L., 1711 Ave. V, Bn. A F, Boys; 2-15-15
- Eaton, Clara C., 40 N. 10th Ave., Mt. Vernon, N. Y. A M, WI; (11-1-08) 10-1-09
- Eaton, Mary P., 44 Morningside Dr., Mn. 1 A E (Ch), Wdl; 12-10-09 (2-2-20)
- Eberly, Joseph E., 1202 Clay Ave., Bx. A PT, DWC; (9-8-11) 10-14-18
- Edelson, Emanuel M., 1010 Rogers Pl., Bx. A Acc & Bus Pr, HSC; (3-1-05) 11-3-13
- Edgell, Frank D., 1418 E. 17th, Bn. A M, E H; 2-1-99
- Edgell, Katharine C. (Mrs.), 1418 E. 17th Bn. A PT (Ch), EH; (12-4-01) 9-10-06
- Edgerton, Myra T., 524 120th, Richmond Hill, L. I. A H, Jam; 3-1-05
- Edmunds, Maude A., Ardsley, N. Y. A PT (Ch), Ev C; (1-2-07) 9-9-12
- Edwards, Sidney, 4 Glenada Pl., Bn. A Woodworking D M, MT; 2-18-95
- Edwards, Minna H., 144 E. 22d, Mn. A G, WI; 2-3-03
- Edwards, William H., 66 Quincy, Bn. A L, Boys; 7-4-91
- Eggleston, Charlotte, 500 W. 114th, Mn. A M, Ntn; 9-16-07
- Eisenmann, Max J., 920 E. 10th, Bn. A Coml, Coml; 9-11-14
- Eisner, Harry, 114 St. Mark's Pl., Mn. A M, DWC; (11-2-03) 9-1-16
- Elbert, William, 361 E. 25th, Bn. A Cv, EH; (10-3-04) 2-2-20
- Elder, Jane, 510 Gardens Apt., Forest Hills, L. I. A H G, RH; 2-8-15
- Elder, Vera, Irvington-on-Hudson, N. Y. Lib A, JR; 12-1-18
- Eels, Burr G., Babylon, L. I. A Sp, Coml; 9-9-10
- Eldridge, Paul, 1372 Ogden Ave., Bx. A F, Ev C; 6-28-16
- Eletz, Anna, 3 E. 106th, Mn. A Cv, GComl; 9-10-20
- Elkan, Herman M., 758 Kelly, Bx. A Coml (Ch), Ms; (9-9-07) 2-2-14
- Ellard, Charles, Great Neck, L. I. A C, Stv; 2-8-09
- Ellert, John F., 526 W. 139th, Mn. A PT (Ch), GW; 1-2-07 (9-29-08)
- Elliffe, Richard E., Jr., 310 Moshulu Parkway, Bx. A PT (Ch), EH; 9-8-16
- Elliott, Lilian M., 201 W. 120th, Mn. A E, Wdl; (4-1-04) 3-6-99
- Ellison, Ethel L., 3264 Hull Ave., Bx. Cl A, GW; 5-1-11
- Ellner, Samuel H., 46 Ft. Washington Ave., Mn. A C, Stv; 11-1-17
- Ellsworth, Sanford J., Far Rockaway, L. I. P, FR; (9-1-95) 9-27-20
- Elmer, Clement G., 44 Cortelyou Pl., New Brighton, S. I. 1 A Mod Lang (Ch), Stv; 9-8-02 (2-8-09)
- Elmer, S. Lewis, 188 Hawthorne, Bn. A Mu, EH; 2-5-17
- Eltzner, Dorothea, 62 Circle Driveway, Hastings-on-Hudson, N. Y. A G, WI; 9-9-12
- Ely, Jean, 136 Barclay, Flushing, L. I. Lib A, Fig; 2-1-94
- Emery, Stephen, 317 E. 21st, Bn. 1 A M (Ch), EH; 9-14-03 (9-9-14)
- Emmons, Bertha E., 296 Ryerson, Bn. A D, Boys; (9-10-06) 2-5-17
- Emrick, Anna C., 86 Central Ave., Flushing, L. I. A E, Flg; 9-8-16
- Ennis, Mary G., 36 Rutland Rd., Bn. A Mu (Ch), EH; 12-1-09
- Esselstyn, Henry H., 51 Clark, Bn. A E, Boys; 9-11-05
- Estes, Charles S., 275 St. James Pl., Bn. A L, EH; 5-3-00
- Ettinger, William L., 790 Riverside Dr., Mn. Supt of Sc, BofE; (9-1-84) (10-29-09) (9-10-13) 5-1-18
- Evans, Austin H., 1924 Loring Pl., Bx. A L, EvC; 2-1-05

Evans, George C., 909 Bedford Ave., Bn... A D, MT; 10-14-19
 Evans, Sarah G., 244 E. 86th, Mn..... A St Tp JR; (3-6-12) 10-1-19
 Evans, William F., 1206 Pacific, Bn..... A P, Girls; 9-11-05
 Everett, Edith M., 221 Hancock, Bn..... A E, EH; 9-14-08
 Everett, Isabelle W., 325 Convent Ave., Mn. A E, JR; (11-1-10) 6-28-16

F

Fabricius, Alma M., 169 West End Ave., Mn. A M, HSC; (2-3-19) 3-1-20
 Fagan, Mary T., 209 Congress, Bn..... A Sewing & Dressmkg, WI; (12-22-92) 9-6-18
 Fahey, Sara H., 47 Jefferson Ave., Bn..... A Cv, MT; (9-8-02) 2-2-20
 Fairchild, Ralph P., Roslyn Hts., L. I.... A PT, Boys; (4-1-09) 9-9-10
 Fairley, Edwin, 282 Quincy, Bn..... 1 A E (Ch), Jam; 1-31-02 (2-8-09)
 Falion, George M., 78 72d, Bn..... 1 A Class Lang (Ch), Bwk; 9-15-10 (9-8-20)
 Falk, Anna A. (Mrs.), 1043 Trinity Ave., Bx. A E, Ms; (10-1-89) 2-1-98
 Falk, Louis J., 601 W. 141st, Mn..... A Coml, WI; (5-1-97) 11-1-10
 Fallon, George P., 504 W. 112th, Mn..... A M, HSC; 2-2-14
 Fanning, Grace M. W., 97 Clark, Bn..... A H, MT; 9-14-96
 Farrar, Preston C., 421 E. 18th, Bn..... 1 A E (Ch), EH; 2-14-01 (2-1-07)
 Faria, Rosa M., 138 E. 16th, Mn..... A Sp, Stv; 2-9-20
 Farrell, Agnese, 26 Convent Ave., Mn..... A St Tp, JR; 3-1-17
 Faulkner, Eunice F., 50 W. 9th, Mn..... A D, ED; (12-1-02) 2-1-06
 Faust, Charlotte C., 239A Brooklyn Ave., Bn. A G, BR; 11-1-07
 Fay, Charles R., Crescent Athletic Club, Bn. A H, EH; 3-8-00
 Fay, Margaret G., 519 Bedford Ave., Bn... A Coml, ED; (4-1-07) 9-11-16
 Fedter, Bruno, 223 E. 200th, Bx..... A Sp G, HSC; 2-3-13
 Feldman, Daniel D., 19 Belmont Ter., New Brighton, S. I. P, Curtis; 2-2-03 (12-1-06) (5-1-13)
 Felt, Carrie E., 20 Morningside Ave., Mn... A Dom Art, WI; (9-12-97) 2-1-15
 Felter, William L., 294 Greene Ave., Bn... P, Girls; (6-17-87) 11-26-00
 Fenton, John W., 58 S. 9th, Mt. Vernon, N. Y. A FHD, Stv; (4-11-01) 10-1-20
 Fergenson, Ethel, 17 Edwards, Ridgewood, N. J. Cl A, G Coml; 4-28-13
 Fernald, Floyd M., 109 Oak Tree Pl., Leontia, N. J. A M, Stv; 9-11-16
 Fernschild, William H., 71 Clinton Pl., Bx. A H, EvC; 10-1-19
 Ferrigan, Angela, 623 W. 207th, Mn..... Cl A, JR; (6-2-19) 4-5-20
 Ferris, Florence L., 504 W. 112th, Mn..... Cl A, Ms; (3-1-04) 9-11-14
 Ferris, Laura C., 611 W. 137th, Mn..... A D, WI; (11-1-09) 3-1-12
 Ferris, Mary D., 150 E. 35th, Mn..... A D, Ms; (3-4-91) 10-1-06
 Ferry, Alice M., 3d near Ashburton Ave., Bayside, L. I. A Gr, Flg; 9-14-03
 Ferry, Orlando E., 1809 Nottingham Rd., Bn. A E, EH; 9-14-96
 Feuerlicht, S. Julius, 1544 Minford Pl., Bx. A Coml, TR; (11-1-05) 9-11-16
 Fiebig, Anna F., 315 E. 57th, Mn..... A Sp, EH; (11-3-13) 9-5-19
 Fiebig, Emma, 315 E. 57th, Bn..... A M, EH; (11-3-13) 6-28-16
 Fields, Harold, 105 W. 114th, Mn..... A Ec, TR; (11-1-10) 2-3-19
 Fieldler, John L., 12315 Hillside Ave., Richmond Hill, L. I. A St Tp, Bwk; (2-5-17) 10-9-19
 Figarola, Carlos K., 211 W. 101st, Mn..... A Sp, DWC; 10-14-19
 Filfus, Nathaniel, 235 St. Nicholas Ave., Mn. A Coml, JR; (9-12-04) 9-15-13
 Finch, Anna O. (Mrs.), 979 Anderson Ave., Bx. A P, Br; 10-12-08
 Fine, Abraham M., 691 E. 138th, Mn..... Cl A, Bwk; (9-5-13) 2-2-20
 Fine, Lena J. (Mrs.), 1956 Crotona Parkway, Bx. A St Tp, Ms; (12-1-03) 9-8-16
 Fink, Albert, 1331 Clinton Ave., Bx..... A St Tp, Bry; 9-11-14
 Fink, Anna H., 522 Grand St., Bn..... A St Tp, Bry; 9-11-14
 Fink, Frederick W., Hastings-on-Hudson, N. Y. A G, Stv; 9-14-03
 Finnegan, William E., Fairview Ave., Westwood, N. J. A Coml, Coml; 2-1-00
 Finney, Arthur E., 477 Greene Ave., Bn... A Sp, Coml; 9-11-11
 Finnigan, James J., 256 Greenway, Forest Hills, L. I. A F, RH; 9-12-04
 Firman, Arthur B., Malverne, L. I..... A B, HSC; 2-5-13

- Fischer, Ida E., 666 St. Nicholas Ave., Mn.
 Fischer, Philip, 409 Edgecomb Ave., Mn...
 Fish, Alanson L., 204 Amity, Flushing, L. I.
 Fish, Joseph B., 960 Prospect Ave., Bx....
 Fisher, Ruth B., 136 Stuyvesant Pl., New
 Brighton, S. I.
 Fisher, William W., 828 Lincoln Pl., Bn....
 Fitzgibbon, Mary A., 52 7th Ave., Bn....
 Fitzpatrick, Elizabeth T., 919 Ogden Ave.,
 Bx.
 Flanagan, Mary A., 1744 E. 19th, Bn....
 Flanagan, William, 102 Westervelt Ave., New
 Brighton, S. I.
 Flanagan, William E., 822 Hatch Ave.,
 Woodhaven, L. I.
 Flanders, Addie E., 400 W. 118th, Mn....
 Fleisher, Edward, 1074 New York Ave., Bn.
 Fleissner, Gustav L., 3628 Graystone Ave.,
 Bx.
 Fleming, Carrie O., 450 E. 26th, Bn....
 Fleming, Gemma H. (Mrs.), Fulton, Ky....
 Fletcher, Mann, 317 Hawthorne, Bn....
 Fletcher, Sheldon, Kalamazoo, Mich....
 Flint, Arthur H., 92 Beechknoll Rd., For-
 est Hills, L. I.
 Flint, George C., 401 Macon, Bn....
 Flynn, Margaret K., 19 Hardenbrook Ave.,
 Jamaica, L. I.
 Foerster, John, 138 Halleck Ave., Bn....
 Foley, Henry J., 10 Lafayette, Jamaica, L. I.
 Foley, John L., 414 W. 115th, Mn....
 Fontaine, André C., 713 E. Parkway, Bn...
 Foote, Edmund W., 93 Lincoln, Montclair,
 N. J.
 Foote, John Paul, 66 Doscher, Bn....
 Forcier, L. Ethel, 34 Maple Ct., Bn....
 Ford, Anna, 414 W. 118th, Mn....
 Ford, Celia, 84 Downing, Bn....
 Foster, Edwin W., Central Pk., L. I....
 Foster, Florence C. (Mrs.), 629 Elmore Pl.,
 Bn.
 Foster, Harold E., 270 Garden Ave., Mt.
 Vernon, N. Y.
 Foster, Oscar R., 203 8th Ave., Bn....
 Foster, Sarah P., 1819 Beverly Rd., Bn....
 Foster, Walter E., 611 W. 158th, Mn....
 Foster, Wilfred L., 675 Putnam Ave., Bn..
 Fountain, Emma A., 91 Prospect Ave.,
 Flushing, L. I.
 Fowler, Etta M. (Mrs.), 1344 Pacific, Bn..
 Fox, Alice E. (Mrs.), 175 Claremont Ave.,
 Mn.
 Fox, S. Wadsworth, 418 W. 130th, Mn....
 Frame, Rachel M., 27 S. 13th Ave., Mt.
 Vernon, N. Y.
 France, Sanford D., 378 Putnam Ave., Bn..
 Frank, Charles L., 130 Claremont Ave., Mn.
 Frank, Colman D., 80 Washington Sq. E.,
 Mn.
 Frank, Jeannette, 529 W. 179th, Mn....
 Frank, Julius, 500 W. 144th, Mn....
 Frank, Maude M., 327 W. 56th, Mn....
 Franke, Clara E., 130 Claremont Ave., Mn.
 Frankel, Rachel S. (Mrs.), 51 Elmhurst,
 L. I.
 Franklin, Marjorie L., 514 W. 114th, Mn...
 Freeberg, Sigrid C., 20 Butler Pl., Bn....
 Freeman, Mary L., 845 West End Ave., Mn.
 Freeston, Mary C., 419 W. 119th, Mn....
 A Mu, Ms; (11-2-03) 4-19-20
 A FHD, Stv; (4-6-98) 11-3-13
 A PT (Ch), Flg; (11-8-05) 5-3-09
 A B, Boys; (4-1-07) 11-11-14
 A B, Curtis; 4-1-09
 1 A E (Ch), Boys; 2-9-06 (9-11-11)
 Cl A, Boys; (11-1-07) 11-14-18
 A B, Ms; (11-3-13) 6-28-16
 A PT, Girls; 5-3-20
 A St Tp (Ch), Curtis; (4-1-07)
 9-5-13
 A St Tp, Ntn; 11-1-17
 A L, JR; 2-3-13
 1 A M (Ch), ED; (9-12-04) 9-9-10
 (9-8-20)
 A C, DWC; 2-1-10
 A H, JR; 9-8-16
 A Sp, BR; 11-15-17
 A E, NU; (9-8-16) 11-1-17
 Lib A, Coml; 9-10-20
 A D, RH; 4-10-99
 A Mu (Ch), Boys; (4-1-11) 9-11-11
 A E, Jam; 9-10-20
 A St Tp, HSC; 2-1-18
 A St Tp, Jam; 3-1-12
 A E, HSC; 2-2-20
 A F, Boys; 9-8-02
 1 A Ec (Ch), DWC; 2-13-11 (2-2-20)
 A C Cr, RH; (2-1-04) 10-1-19
 A E, EH; 4-1-03
 A Sp, JR; 10-2-16
 1 A Class Lang (Ch), Girls; 9-12-97
 (11-1-07)
 A Wood Wkg MD, MT; 9-13-97
 A El, EH; (11-2-08) 9-9-10
 Adm A E, Ms; 9-11-99
 A C, MT; 2-1-10
 A St Tp (Ch), EH; 9-14-03
 1 A (Adm) Class Lang (Ch), Stv;
 2-15-00 (11-1-07)
 1 A, PT (Ch), MT; 9-10-06 (2-2-20)
 A E, Flg; 9-11-05
 A St Tp (Ch), Bwk; 9-9-12
 A D, DWC; (1-31-02) 9-8-02
 1 A Ace & Coml Low, WI;
 (5-18-98) 3-14-13 (2-2-20)
 A E, WI; 6-28-16
 A M, Boys; 9-12-10
 1 A St Tp (Ch), Ms; (11-1-07)
 9-5-13 (2-2-20)
 1 A F (Ch), DWC; 9-12-04 (2-1-10)
 A B, JR; (4-1-13) 9-11-14
 A M, DWC; (6-1-99) 10-15-14
 1 A E, DWC; 9-12-97 (9-1-18)
 A G, Ms; 12-1-09
 A St Tp, JR; 3-5-07
 A H, Stv; 9-10-20
 A M, MT; (11-2-08) 9-9-10
 A Coml, WI; (9-8-02) 9-12-10
 A PT (Ch), Ms; 9-12-97

Freilich, Aaron, 1416 102d, Richmond Hill, L. I.	A M, Boys; 2-2-20
French, Linda M., 228 St. Mark's Pl., New Brighton, S. I.	A Sp G, Curtis; (3-11-12)
French, Rachel M., 1369 Cedar Ave., Far Rockaway, L. I.	A PT (Ch), FR; 11-1-17
Frerichs, Harrison M., Croton-on-Hudson, N. Y.	A FHD, Stv; 9-5-13
Freyneck, Julius A., 14 Duer Pl., Weehawken, N. J.	A E, DWC; 9-16-12 (4-19-20)
Freygang, Mildred, 615 8th, College Point, L. I.	A Cv, Flg; 2-2-20
Friedman, Samuel M., 763 Greene Ave., Bn.	A Acc & Bus Pr, Bwk; 9-10-20
Friedman, Saul, 1742 Union, Bn.	A PT, Boys; 11-1-17
Frisbie, Eva E., 100 Carnegie Hall, Mn.	A Mu, JR; 2-1-15
Fritz, Henry E., 4 Poplar Ave., North Pelham, N. Y.	1 A FA (Ch), Stv; 2-1-07 (6-1-14)
Fritz, Louise P., 63 Ft. Greene Pl., Bn.	Lib Pr, WI; 2-10-08
Fromberg, Benjamin, 954 Hoe Ave., Bx.	A St Tp, HSC; 9-12-18
Frost, Anna E., 152 Henry, Bn.	A D, JR; 2-1-15
Fueslein, Irma E., 120 E. 86th, Mn.	A Sewg & Dressmkg, WI; 10-1-09
Fueslein, Leonie A., 120 E. 86th, Mn.	A D, Ms; 2-1-18
Fuller, Robert W., Wright, Westport, Conn.	1 A Chem & Physiog (Ch C), Stv; 9-11-99 (9-1-05)

G

Gage, Stanley A., 71 Maple Ave., New Rochelle, N. Y.	1 A Mech Arts (Ch Metal Wkg), Stv; (11-9-96) 2-1-06 (6-1-14)
Gallin, Jacob, 175 Middleton, Bn.	A PT, Boys; 11-1-20
Galloway, Ida G., 338 8th Ave., Mn.	1 A H (Ch), WI; 9-9-01 (2-8-09)
Gallagher, Ellen M., 124 W. 75th, Mn.	A L, Curtis; 9-1-95
Gallagher, Margaret F., 168 W. 81st, Mn.	A Coml, WI; 2-26-01
Galvin, Kathryn M., 404 W. 115th, Mn.	A El, Ntn; 11-3-19
Gambier, Louise M., Hartsdale, N. Y.	A F, Bry; 9-9-10
Gardner, Frank A., 401 W. 118th, Mn.	A Mech Arts (Ch MD), Stv; (9-10-06) 6-1-14
Gardner, Gertrude G., 171 Union, Flushing, L. I.	A D, Flg; 2-1-15
Gardner, Maude, 1113 Prospect Pl., Bn.	A D (Ch), Girls; (9-1-96) 2-18-01
Gaines, Margaret E., North Ave., Westfield, N. J.	A Mu, WI; (3-1-12) 2-1-15
Garrett, Sara, 334 E. 30th, Mn.	A Cv, BR; 9-10-20
Garrigues, Ellen E., 35 Mt. Morris Pk., W. Mn.	1 A E (Ch), DWC; (9-1-03) 9-12-97
Garrity, Julia F., 301 W. 57th, Mn.	A M, Bry; 9-1-91
Garvey, Alice L., 2nd, Bayside, L. I.	A Acc & Bus Pr, Bry; 9-10-20
Gaston, Charles R., 215 Abingdon Rd., Richmond Hill, L. I.	1 A E (Ch), RH; 9-11-00 (9-1-11)
Gates, J. Vincent, 39 Gerry Ave., Elmhurst, L. I.	A Acc & Bus Pr, Coml; 6-1-20
Gauvran, Ethel H., 11 Hillcrest Ave., Jamaica, L. I.	A E, Jam; 12-1-09
Gay, Laura S., "The Franklin," Jamaica, L. I.	A M, Jam; 9-1-02
Gaylor, William M., 129 Wadsworth Ave., Mn.	A M, Ms; 9-7-14
Gaylord, Harriet E., 204 W. 94th, Mn.	A E, Ms; 9-11-99
Gaynor, Carrie, 165 Prospect Pk. W., Bn.	A Sewg (Ch), BR; (10-1-06) 2-3-13
Gaynor, Margaret A., 10 E. 129th, Mn.	A F, WI; (4-1-08) 9-11-14
Geer, Helena, 33 Woodruff Ave., Bn.	A F, EH; 11-3-19
Geiss, M. Paula, 2072 Homecrest Ave., Bn.	A M, MT; 2-1-07
Gelbach, Marie, Park Hill, Yonkers, N. Y.	A G Sp, Wdl; (2-1-07) 9-22-08
Gemson, Irving, 2011 91st, Bn.	A PT, Boys; (3-1-07) 9-12-10
Genung, Ina E., 1236 Pacific, Bn.	A L, ED; 9-8-02
Gere, Louisa B., 63 E. 59th, Mn.	A E, WI; 9-14-03
Gerken, Albert, 230 25th, Elmhurst, L. I.	A Coml, Bry; (3-1-07) 9-8-16
Germann, Franklin P., Jr., 1768 45th, Bn.	A B, DWC; (11-1-09) 9-8-16
Germann, Charles C., 66 Midwood, Bn.	A P, MT; (9-14-99) 4-8-12
Gerstenzang, Robert B., 956 Leggett Ave., Bx.	A PT, Bry; (11-1-10) 2-16-20

- Gibson, J. Stewart. 22 Clinton Ave., Montclair. N. J.
 Gilbert, Max, 1710 Hloe Ave., Bx.
 Gill, Lulu G., 420 W. 118th, Mn.
 Gilliland, Alice M., 22 Pierrepont, Bn.
 Gilmore, Agnes M., 68 W. 183d, Mn.
 Gilmour, Emily J., 37 Dekalb Ave., White Plains, N. Y.
 Gilson, Channing W., 936 St. Marks Ave., Bn.
 Ginsberg, Isidore. 943 Whitlock Ave., Bx.
 Giovanoly, Max F., 566 W. 162d, Mn.
 Gittoe, Ethel T., 597 Putnam Ave., Bn.
 Gladding, Bessie A., 83 Hamilton Ave., Yonkers, N. Y.
 Glaser, Beatrice C., 31 W. 124th, Mn.
 Glatzer, David., 1072 Bryant Ave., Bx.
 Glazier, M. Louise, 244 S. Broadway, Yonkers, N. Y.
 Glen, M. Eva, Stewart Ave., Bayside, L. I.
 Glendenning, Helen F., 250 Union, Mt. Vernon, N. Y.
 Gluck, Emil, 1590 Amsterdam Ave., Mn.
 Gluck, Marguerite L., 2010 7th Ave., Mn.
 Glugoski, Arthur, 1246 Woodycrest Ave., Bx.
 Gnade, Agnes, 155 Home Ave., Rutherford, N. J.
 Goding, Florence L., 135 Lincoln Pl., Bn.
 Godnick, Samuel P., 517 W. 149th, Mn.
 Golan, Joseph B., 2026 7th Ave., Mn.
 Gold, Elias E., 26 Middletown, Jamaica, L. I.
 Goldberg, Anna, 106 Rodney, Bn.
 Goldberg, Ida C., 1903 Davidson Ave., Bx.
 Goldberg, Israel, 936 E. 178th, Bx.
 Goldberg, Morris, 1780 Bryant Ave., Bx.
 Goldberger, Elias, 67 W. 115th, Mn.
 Goldberger, Louis K., 123 E. 35th, Bn.
 Goldbloom, Simon L., 721 E. 22d, Bn.
 Golde, Margaret D., 201 W. 54th, Mn.
 Goldensohn, Joseph A., 558 Lafayette Ave., Bn.
 Goldfarb, Israel, 941 Stebbins Ave., Bx.
 Goldman, Samuel, 875 W. 181st, Mn.
 Goldsmith, Elizabeth, 363 Grand Ave., Bn.
 Goldsmith, Morgan J., 59 Clinton Pl., Bx.
 Goldstein, Alexander, 93 St. James Pl., Bn.
 Goll, Bertha C., 25 Pulaski, Bn.
 Gombarts, George K., 300 E. 163d, Bx.
 Gompf, Anna M., Ketcham Pl., Elmhurst, L. I.
 Goode, Elizabeth. Beverly Apts., New Brighton, S. I.
 Goodman, Arthur, 53 7th, Mn.
 Goodrich, Charlotte, Lec, Mass.
 Goodrich, Howard F., 566 W. 162d, Mn.
 Goodrich, Martha M., 601 W. 149th, Mn.
 Goodwin, W. Grant, 1464 Lexington Ave., Mn.
 Gordon, John J., 1327 E. 26th, Bn.
 Gordon, Margery, 154 E. 40th, Mn.
 Gordon, Machen. 854 W. 180th, Mn.
 Gore, Anna W., 125 Gleane, Elmhurst, L. I.
 Gottlieb, Maurice, 1430 University Ave., Bx.
 Goudal, Emilie. 29 E. 29th, Mn.
 Gould, Frances, 115 Montague, Bn.
 Gowans, Elizabeth, 434 W. 120th, Mn.
 Grabschied, Anna, 463 W. 159th, Mn.
 Graham, Mary C., 50 E. 89th, Mn.
 Graham, Charles E., 804 Park Pl., Bn.
 Gramet, Charles A., 831 Greene Ave., Bn.
 Grant, Eva M. (Mrs.), 3038 Hull Ave., Bx.
 A C (Ch), Wdl; 2-1-98
 A Acc & Bus Pr, TR; (2-1-06) 2-2-15
 A PT, WI; 11-1-10
 A M, 9-24-07
 A St Tp, HSC; 2-1-18
 A M, Ms; (10-1-85) 9-11-99
 A Wood Trng & Pattern Mkg, MT; 4-22-12
 A M, Boys; 9-10-20
 A G, DWC; 9-10-00
 A Placmt Invest, WI; 4-9-14
 A E, HSC; 11-1-20
 A St Tp, WI; (4-1-07) 10-8-14
 A Coml, HSC; (4-17-11) 10-15-19
 Cl A, EvC; 6-28-16
 Cl A, RH; 9-22-08
 Cl A, Ms; 9-8-16
 A Coml (Ch), BR; (5-18-98) 9-9-12
 Lab A B, EvC; 2-3-19
 A M, Stv; 9-11-14
 A E, MT; 9-9-01
 A D (Ch), MT; 9-11-14
 A Coml, TR; (4-1-02) 9-11-16
 A Ec, HSC; (11-1-05) 10-1-19
 A St Tp, WI; (11-1-06) 2-1-15
 A St Tp (Chg An), JR; 3-1-17
 A St Tp, EvC; (12-2-12) 10-2-16
 A F H; Stv; (12-18-11) 2-3-13
 A Joinery, Stv; (11-1-05) 9-8-16
 A F, DWC; 9-6-18
 A Coml, Bwk; (11-1-07) 11-3-13
 A H, DWC; (10-3-04) 9-6-18
 A G, RH; 9-12-10
 A Coml, Bwk; (4-1-07) 9-11-14
 A C, DWC; (3-1-10) 10-2-16
 A M, DWC; (11-1-07) 9-11-16
 A G, Bwk; 9-9-10
 A Coml, WI; 9-27-97
 A E, NU; (12-1-04) 2-3-13
 A E, EH; (11-2-96) 4-21-19
 A D (Ch), DWC; 10-1-12
 A H, Ntn; 9-9-10
 A L, Curtis; 3-1-06
 A M, Bwk; 9-9-10
 A B, Girls; 2-1-07
 A Joinery, Stv; 10-3-04
 A F, Wdl; 2-6-03
 A H, Curtis; 9-23-01
 A M, Bwk; (11-2-03) 2-2-20
 A E, HSC 9-11-14
 A St Tp, GW; (11-1-06) 4-1-18
 A H, Bwk; (11-1-06) 9-11-16
 A Coml, HSC; (11-1-07) 9-11-16
 A F, WI; (10-16-93) 9-14-03
 A Mu (Ch), JR; 9-11-14
 A D (Ch), Bry; 6-28-16
 Cl A, Wdl; 9-8-16
 A M, ED; (9-7-06) 9-8-16
 E, MT; 9-5-19
 A B, Stv; 12-12-17 (2-1-21)
 A M, EvC; 10-2-11

- Grant, Forest, 5 Whittier, E., Orange, N. J. A D, HSC; 11-1-04
 Grant, M Alma, 59 Gerry Ave., Elmhurst, L. I. A Dom Art, Flg; 11-17-13
 Grant, Roscoe A., Pennsylvania Ave., Hempstead, L. I. Adm A L. Jam; 2-1-04
 Gray, Jacob M., 341 McLean, Yonkers, N. Y. A MD, Stv; 9-11-16
 Gray, J. Newton, 5918 Bay Parkway, Bn.. A P, MT; 9-11-99
 Gray, Nomer, 1013 Prospect Pl. Bn..... A Cv, HSC; (2-1-98) 11-3-19
 Greditzer, M. Moritz, 1370 Prospect Ave., Bx. A Sp (Ch), EvC; (9-22-03) 3-1-06
 Green, Bernard I., 1058 S. Boulevard, Bx.. A D, DWC; (9-10-06) 9-5-13
 Green, Florence (Mrs.), 165 Prospect Pk. W. Bn. A Sewg (Ch), MT; (2-1-06) 2-1-10
 Green, Helen, 5 Dongan, Elmhurst, L. I. A Sp G Flg; 9-9-10
 Green, John C. Jr., 544 W. 157th, Mn.... A Shopwork, Bwk; (11-1-04) 9-15-10
 Green, Mary P., 493 Washington Ave., Bn. A PT (Ch), Bwk (10-2-05) 2-1-11
 Greenberg, Abraham B., 8 W. 64th, Mn... A MD, Stv; 10-1-11
 Greenberg, Jacob, 1680 50th, Bn..... 1 A Mod Lang (Adm), B of E (3-13-13) 9-8-20
 Greenberg, Morris, 563 Howard Ave., Bn.. 1 A FA (Ch), Coml; (12-1-03) 9-14-08 (11-3-19)
 Greenburg, Sophia, Valhalla, N. Y. Cl A, Boys; 2-17-13
 Greene, Henry, 1370 E. 19th, Bn..... A Sp. ED; 3-7-07
 Greene, Hugh G., 272 Lenox Rd., Bn..... A Coml, Coml; 9-10-06
 Greene, Russell T., 54 Highwood Ave., Ridgewood, N. J. 1 A Coml (Ch), HSC; 2-9-04 (2-8-09)
 Greenfield, Solomon C., 827 St. Johns Pl., Bn. A M, Stv; 4-1-19
 Greer, Sarah, 23 Park Ave., Mn..... Lib A, Wdl; 9-10-20
 Greenglick, Louis, 251 W. 129th, Mn..... A St Tp, JR; 9-8-16
 Greenstein, Max B., 830 Kelly, Bx..... A Coml, WI; (5-1-00) 3-1-12
 Greenwald, Benjamin, 729 Lafayette Ave., Bn. A St Tp, Bwk; (4-1-07) 10-1-19
 Greines, Lottie, 302 Windsor Pl., Bn..... Cl A, Coml; 11-18-18
 Greines, Rebecca, 159 Ross, Bn..... Cl A, Bwk, 2-2-20
 Gribben, Helen W., 165 E. 66th, Mn..... A Coml, JR; (11-1-09) 3-1-18
 Griffin, Bertha L., 54 Wall, New Brighton, S. I. A PT, WI; 10-16-14
 Giffin, Nadia, 853 Cauldwell Ave..... A St Tp, Bwk; 2-15-21
 Griffith, Elizabeth M. (Mrs.), 25 Burling Lane, New Rochelle, N. Y. A St Tp, Bry; 2-16-20
 Grimshaw, Henry E., Husson Ave., Hollis, L. I. A H, Boys; 9-8-16
 Griswold, Caroline (Mrs.), 74 W. 69th, Mn. Cl A, DWC; 9-11-05
 Griswold, Clifford B., 74 W. 69th, Mn..... A Forging, Stv; 2-1-06
 Griswold, Edward D., 151 Edgar lane, Hastings-on-Hudson, N. Y. A Joinery, Stv; (11-17-98) 9-14-08
 Griswold, Esther D., 155 W. 65th, Mn.... A E, HSC; 9-8-20
 Grooms, Mary T. (Mrs.), 667 Macon, Bn.. A E, Bwk; (2-8-00) 9-10-20
 Gross, Elizabeth H., 128 25th, Elmhurst, L. I. A E, EvC; 2-1-15
 Gross, Esther S. (Mrs.), 100 Morningside Dr., Mn. A H, JR; 9-5-19
 Gross, Henry I., 315 Lincoln Rd., Bn..... A M, ED; (11-1-06) 10-1-09
 Gross, Irene T., 126 23d, Elmhurst, L. I. A E, Ntn; 2-3-13
 Grossman, Lena M. (Mrs.), 190 Bay 23d, Bn. A Sp, NU; 4-8-12
 Grout, Abel J., 90 3d, New Dorp, S. I.... A B (Ch Sc), Curtis; (2-21-99) 11-2-08
 Grove, Margaret S., 60 W. 162d, Mn..... Cl A, Wdl; 2-17-13
 Grove, Frederic S., Maplewood, N. J..... A M, DWC; 9-12-98
 Gruenberg, Benjamin C., 418 Central Pk. W., Mn. 1 A B (Ch), JR; 10-1-02 (2-1-10)
 Guernsey, Irwin S., 534 Van Courtlandt Pk. Ave., Yonkers, N. Y. A H, DWC; 6-28-16
 Guiry, Lillian A., 149 E. 55th, Mn..... Cl A, DWC; 4-5-20
 Guilfooy, Anna, 353 W. 118th, Mn..... A Coml, Bry; (1-2-02) 2-1-18
 Guldner, Charles M., 324 McLean Ave., Yonkers, N. Y. A Coml, EvC; 2-1-06
 Gulliver, Barbara, 427 W. 154th, Mn..... Cl A, WI; 10-1-09
 Gundersen, Lily E., 155 Sickles Ave., New Rochelle, N. Y. A Coml, TR; 9-8-16
 Gurnee, Blandina H., 1040 82d, Bn..... A M, ED; 9-8-02
 Gurnee, Marie E., 1040 82d, Bn..... A D, WI; (4-1-03) 10-1-06
 Guthrie, Grace, 610 W. 116th, Mn..... A L, WI; 11-3-13
 Guthrie, Kenneth S., 292 Henry, Mn..... A F, WI; 11-1-06

Haas, Arthur, 302 Convent Ave., Mn.....	A M, DWC; (9-19-94) 9-8-10
Hackedorn, Marion, 424 Senator, Bn.....	1 A Mod Lang (Ch), BR; 2-1-06 (9-9-14)
Haefelin, Fanny J., 2 Claremont Ave., Mt. Vernon, N. Y.	A G, Wdl; (5-1-00) 9-9-10
Hagar, Etta M., 70 Morningside Dr., Mn...	1 A St Tp (Ch), TR; 3-15-09 (9-9-14)
Hagen, William C., 140 Herkimer, Bn.....	A Joinery, MT; (5-1-03) 2-2-20
Hagens, Fritz, 54 Slocum Crescent, Forest Hills, L. I.	A Sp, Coml; 9-10-06
Hahn, Clarence W., 89 Murray Lane, Flush- ing, L. I.	A B, HSC; 9-12-04
Halbert, Louise, 204 E. 53d, Mn.....	A B, GW; (2-2-15) 9-11-16
Halcke, Harriet A., 42 Hawthorne, Bn.....	A Sp, EH; 2-1-21
Hale, Harriet F., 487 Halsey, Bn.....	A H, JR; 9-8-16
Haley, Jesse H., 2831 Valentine Ave., Bx...	A E (Chg An), EvC; (12-1-03) 9-9-10
Haley, Owen A., 305 E 161st. Bx.....	A H, Ms; (9-7-06) 2-1-15
Hall, Caroline D., 138 W. 111th, Mn.....	A H, Ms; 10-1-09
Hall, Ethel R., 6 Lefferts Pl., Bn.....	A El, ED; (2-2-06) 2-3-15
Hall, Gamble, 1356 University Ave., Mn....	A H, Stv; (9-12-04) 4-8-12
Hall, Harriet, 426 Sterling Pl., Bn.....	Cl A, MT; 10-14-18
Hall, Helen L., 917 W. 5th, Plainfield, N. J.	A E, DWC; 9-8-16
Hall, Henrietta, 325 Decatur, Bn.....	A St Tp, Bwk; (11-1-06) 2-3-13
Hall, Henry Marion, 17 Livingston Pl., Bn.	A E, HSC; 9-9-07
Hall, James H., 2102 Newkirk Ave., Bn....	A C, Coml; 9-5-13
Hall, Lobabel H. (Mrs.), 466 74th, Bn....	1 A, H & Cv (Ch Cv), BR; 9-9-01 (10-1-09)
Hall, Margaret W., 416 W. 122d, Mn.....	A F, EvC; 12-4-11
Hall, Mary A., 1854 62d, Mn.....	A F (Adm), EH; 2-11-04
Hall, Mary A., 597 West End Ave., Mn....	A H, MT; (9-7-74) 9-13-97
Hall, Mary E., 483 Greene Ave., Bn.....	Lib A, Girls; 2-2-03
Hallman, Irene, 29 Lefferts Ave., Richmond Hill, L. I.	Cl A, Jam; 11-3-19
Haller, Ralph W., 30 McDonough, Bn.....	A F, Boys; 9-11-16
Hallinan, Irene, 29 Lefferts Ave., Jamaica, L. I.	Cl A, Jam; 11-3-19
Halprin, Abraham H., 1160 Tiffany, Mn....	A Acc & Bus Pr, TR; (11-1-07) 2-1-18
Halloran, William, 141 Franklin Ave., New Brighton, S. I.	A Coml, Curtis; (2-1-04) 9-5-13
Ham, Charles, 280 Sterling, Bn.....	A H, Stv; (9-10-09) 3-1-12
Hamill, Annie, 342 E. 124th, Mn.....	A Coml, JR; (2-2-03) 9-8-16
Hamilton, Alide H., 332 Convent Ave., Mn.	A El, Stv; 6-10-20
Hamilton, Alma L., 362 Senator, Bn.....	1 A FA (Ch), BR; (9-9-07) 9-9-10 (2-2-20)
Hamilton, Mary S., Elmsford, N. Y.....	A B Coml (Ch), TR; (4-1-00) (9-14-05)
Hamilton, Mercedes W. (Mrs.), 430 Sena- tor, Bn.	A PT, BR; 10-7-12
Hamlin, M. Louise, 420 W. 118th, Mn....	Lib A, Ms; 2-15-15
Hamm, William A., 735 E. 23d, Paterson, N. J.	A H, DWC; 9-8-16
Hammond, Robert J., 763 51st, Bn.....	A E, Coml; 9-8-16
Hampshire, John W., 75 73d, Bn.....	A E, MT; 9-11-11
Hance, William, 29 2nd Ave., Newark, N. J.	A P, HSC; 2-1-04
Hancock, William J., 3 Douglas Pl., Queens, L. I.	A C, EH; 9-11-99
Haney, James P., 1233 3d Ave., Mn.....	Dir Drawing, BofE; (9-1-88) 8-1-09
Hanford, Clarence D., Hastings-on-Hudson, N. Y.	A D, Stv; (4-8-01) 9-14-08
Handy, Edith E., 344 St. Marks Pl., Bn...	Cl A, Curtis; 2-1-15
Hanks, Lenda T., 950 Marcy Ave., Bn.....	A B (Ch), G Coml; 10-3-04
Hanna, Albert S., Cherokee Ave. and War- ren, Hollis, L. I.	A B, Boys; 10-1-02
Hannah, Florence, 363 Grand Ave., Bn....	A E, Bwk; 11-10-13
Hannan, Walter S., 121 Mt. Hope Pl., Bx...	1 A PSc (Ch), EvC; (10-3-04) 4-8-12 (9-8-20)
Hanson, Randolph P., 1356 Dean, Bn.....	A Mu, Coml; 4-2-18
Hanson, George C., 1052 Lincoln Pl., Bn...	A E, Boys; 9-25-14
Harding, Helen E., 229 82d, Bn.....	A E, BR; 9-11-05
Hardy, Anna L., 705 St. Marks Ave., Bn...	A L (Ch), BR; 9-12-04
Hardy, Ruth G., 228 Henry, Bn.....	A H (Ch), GComl; 4-8-12

- Harley, Walter S., 498 Rugby Rd., Bn.... A L, EH; 2-1-99
 Harlo, Nanette F., 445 W. 153d, Mn..... A E, Haaren; 9-11-14
 Harmon, Esther, 124 W. 11th, Mn..... A Sp, WI; 9-5-13
 Harmon, Lena M., 435 W. 119th, Mn..... A E, Girls; 9-8-16
 Harrigan, Joseph F., 440 Senator, Bn..... A PT, T; (4-8-12) 4-9-20
 Harrington, Ada, 762 Putnam Ave., Bn.... A St Tp, JR; 10-1-19
 Harris, Florence B., 8 Garden Pl., Bn..... A Sp, Girls; 9-6-18
 Harris, Gertrude E., 301 W. 72d, Mn..... A G, Wdl; 2-2-03
 Harris, Miriam, 170 McDonough, Bn..... A PT, BR; 10-15-17
 Harris, Mary E., 281 Edgecomb Ave., Mn.. A M, Wdl; 2-2-01
 Harris, Sadie, 603 W. 111th, Mn..... A M, DWC; 12-1-09
 Harris, William H., 2515 Linden, Bn..... A MD, Ntn; (3-2-14) 9-3-16
 Harrison, Earl S., 107 Queens Rd., Queens, L. I. 1 A Mod Lang (Ch), Coml; 2-1-04 (1-1-12)
 Harrison, Ethel M., 225 W. 14th, Mn..... A St Tp, ED; (9-8-12) 2-1-18
 Harrow, Benjamin, 120 Haven Ave., Mn. A C, DWC; 6-28-16
 Harrow, Caroline S. (Mrs.), 120 Haven Ave., Mn. A E, JR; 2-1-15
 Hart, Albina M., 955 Grant Ave., Bx..... A Sp, Ms; (12-2-12) 11-3-19
 Hart, Clara A., 163 W. 105th, Mn..... A M, Wdl; 9-5-95
 Hart, Edith L., 494 Jamaica Ave., Bn..... A Mu, WI; (2-15-97) 9-11-14
 Harter, Eugene W., 121 Marlborough Rd., Bn. 1 A L & Gr (Ch L), EH; 9-14-96 (7-1-97)
 Hartill, Rufus M., 5 Toledo, Elmhurst, L. I. A E, HSC; (4-8-12) 2-1-18
 Hartley, Alice C., 559 W. 156th, Mn..... A El, Ms; 9-11-14
 Harton, Amy M., 591 Park Pl., Bn..... Cl A, EH; 10-1-09
 Hartung, Ernest W., Beaufort Ave., Hollis, L. I. A Sp G, Jam; 5-1-11
 Hartwell, Charles S., 685 Nostrand Ave., Bn. 1 A E (Ch), ED; 9-4-94 (12-1-08)
 Hartwell, Fred W., 17 Schermerhorn, Bn... A B, HSC; 3-1-12
 Haskins, Theresa H., 299 Sherman, Bn.... A E, EH; (2-4-01) 9-8-16
 Hastings, Ada L., 137 W. 12th, Mn..... A D (Ch), JR; 2-9-03
 Hastings, Edwin H., Jr., 11 Maitland Ave., West Englewood, N. J. A PT (Ch), DWC; 9-11-14
 Hastings, Elinor I., 7 E. 87th, Mn..... A E, WI; 11-3-13
 Hastings, George T., 7 Robbins Pl., Yonkers, N. Y. A B, DWC; 11-1-06
 Hathaway, Bertha F., 419 W. 119th, Mn.... Lib A, Ms; 9-14-03
 Haug, Emanuel, 463 W. 159th, Mn..... A PT, DWC; 9-12-97
 Haupt, George, 1020 E. 13th, Bn..... A Coml, Coml; (3-8-01) 9-8-16
 Haviland, Edith, 60 Chestnut, Bn..... A H, EH; (3-1-12) 9-10-20
 Hayes, Bertha F., 24 Aster, Newark, N. J.. A St Tp, JR; 10-1-19
 Hayes, Genevieve A., 42 Hawthorne, Bn.... Cl A, JR; 9-5-17
 Hayes, Helen M., 564 Jefferson Ave., Bn.. A G, Girls; 9-14-03
 Hayner, Burt A., 165 Franklin Pl., Flushing, L. I. A P, WI; 9-11-11
 Hazen, Annah P., 68 Washington Sq., Mn.. 1 A B (Ch), ED; 2-2-03 (1-1-12)
 Hazen, Charlotte, 87 Hamilton Pl., Mn.... A PT, JR; 2-12-00
 Hazen, Ella M., 520 5th, Bn..... Lib A, MT; 5-1-11
 Hazen, Irving A., Richmond Hill Dr., Richmond Hill, L. I. P, RH; 2-17-96 (2-11-16)
 Hazen, Louise C., 68 Washington, Mn.... A M, Ms; 2-1-06
 Healey, Helen, W., 461 W. 141, Mn..... A PT, JR; (9-26-18) 3-1-21
 Healey, Horace G., Crestwood, N. Y..... 1 A St Tp (Ch), EvC; 3-1-04 (9-1-14)
 Healy, Margaret E. G. (Mrs.), 141 Urban, Mt. Vernon, N. Y. Cl A, EvC; 9-5-13
 Healy, Thomas F., 139 W. 97th, Mn..... A Coml, Bwk; 9-11-14
 Hecht, Anna, 353 Martense, Bn..... A B, Bwk; (9-11-14) 9-8-16
 Heermance, Emma W., 47 W. 49th, Mn.... Adm A H L, Bry; 10-10-97
 Heikes, Irving A., 1061 Clay Ave., Bx..... 1 A M (Ch), Ms; 9-12-97 (10-1-03)
 Heilbrun, Stella, 372 St. James Pl., Bn.... A E, BR; 6-28-16
 Heldt, Francis H., 48 E. 89th, Mn..... A Sp, Stv; 9-10-20
 Heller, Harry, 146 W. 111th, Mn..... A M, DWC; 9-9-12
 Helm, Joseph R., 618 11th, Bn..... A PT, NU; 6-26-16
 Helmken, Bertha C., 1321 Ave. C., Bn.... A Sp, RH; 10-1-17
 Helmuth, Lou, 39 E. 27th, Mn..... A E, ED; 9-1-07
 Hemingway, Gertrude C., 75 Gary Ave., Elmhurst, L. I. A Sp, WI; 3-1-15
 Henderson, Hazel Van D., 49 Henry, Bn... A E, Bwk; 2-3-14
 Henderson, Pearl C., 49 Henry, Bn..... A D (Ch), NU; 9-6-18
 Hendrian, August W., 2463 Tiebout Ave., Bx. A PT, HSC; 10-1-12
 Hendrich, Paul, 941 Greene Ave., Bn..... A FHD, Bwk; (11-1-97) 11-4-10

- Henin, Benjamin L., 136 W. 73d, Mn..... A F, Stv; 2-18-13
 Henoch, S. Stella, 672 St. Nicholas Ave.,
 Mn. A D, Ms; (9-9-07) 9-9-12
 Henrichs, Edna, 632 Monroe, Bn..... A Sp. BR; 9-6-18
 Henriques, Maurice C., 1731 W 10th, Bn.. A M, Stv; 10-1-08
 Henry, Margaret Y., 140 Slip Ave., Jersey
 City, N. J. A L, Wdl; 9-8-02
 Herbert, LeRoy B., 2768 Marion Ave., Bx. A H, DWC; (6-1-00) 11-1-20
 Hermansen, Carl C., 2085 Vyse Ave., Bx.. A PT, Stv; 11-12-17
 Herring, Alice M., 811 E. 169th, Bx..... A H, JR; 4-1-19
 Herrington, Agnes M., 809 Ocean Ave., Bn. A D, EH; (10-3-04) 9-9-10
 Herrmann, Anna L., 1224 Union Ave., Bx.. A Sp, Ev C; 10-1-12
 Herrmann, Hattie, 58 E. 134th, Mn..... A M, DWC; (2-1-93) 9-11-05
 Herts, Alma B., Oak, Cedarhurst, L. I.... Cl A, FR; 2-3-19
 Herts, Esther V., 511 W. 113th, Mn..... Cl A, HSC; 10-11-00) 10-1-18
 Hertzfield, Leonore H., 247 W. 111th, Mn.. Cl A, MT; 2-2-14
 Hervey, Mary B., 527 W. 121st, Mn..... A PT, Wdl; 2-2-03
 Herzog, Charles, 550 W. 157th, Mn..... A G (Adm), DWC; (4-3-90) 9-12-98
 Hess, Donald L., 540 Manhattan Ave., Mn. A E, Boys; 2-1-21
 Hess, J. Ammon, 137 S. 11th, Mt. Vernon,
 N. Y. A C B, Ms; 9-11-14
 Hess, Luise E., 412 W. 148th, Mn..... Cl A, EvC; (9-14-99) 9-8-16
 Heuermann, Helena F., 287 St. Pauls Ave.,
 Tompkinsville, S. I. A F, EvC; 9-9-10
 Hewins, Nellie P., 10 Ketcham Pl., Elm-
 hurst, L. I. 1 A B (Ch), Ntn; (2-25-01) 1-2-17
 Hewitt, Helen F., 268 Argyle Rd., Bn..... A E, EH; 9-19-10
 Heydrick, Benjamin A., 900 Summit Ave.,
 Bx. 1 A E (Ch), HSC; 9-14-03 (2-8-09)
 Hickey, George H., 803 W. 180th, Mn..... A E, EvC; (11-1-06) 9-11-16
 Hickox, Laura C., 116 Waverly Pl., Bn.... A E, WI; 2-1-15
 Hicks, Clara K., 400 Manhattan Ave., Mn.. A B, Wdl; 10-9-00
 Hierholzer, Carl O., 224 Seeley Ave., Bn... A PT, MT; 9-5-13
 Higgins, Frances C., 446 Senator, Bn..... A E, BR; 2-1-15
 Hiler, Fannie E., 215 W. 104th, Mn..... A St Tp, JR; (11-1-05) 10-1-17
 Hilker, Hedwig W. D., 75 Manhattan Ave.,
 Crestwood, N. Y. A E, Ms; (11-1-94) 3-2-08
 Hill, Grosvenor B., 247 Barclay, Flushing,
 L. I. A E (Chg An), HSC; 3-6-02
 Hillman, Mercy A., 970 St. Marks Ave., Bn. A D, WI; 2-2-14
 Hills, Caroline M., 117 Pembroke Pl., Forest
 Hills, L. I. A St Tp (Ch), Ntn; 3-1-01
 Hillyer, Frank H., 302 Carlton Ave., Bn.. A Forge Work, Bwk; (9-5-19)
 2-1-21
 Himmelman, Marie, 433 W. 146th, Mn.... Cl A, Ms; 9-5-17
 Hincken, Elsie O., 272 Berkeley Pl., Bn.... A E, ED; 9-9-10
 Hinds, George K., 92 Riverside Dr., Mn... 1 A Acc. Ec & Coml Law (Ch), WI;
 9-14-03 (2-5-17)
 Hinesburg, Thomas, 100 Kimball Pl., Yonk-
 ers, N. Y. A MD, Stv; (10-2-11) 2-1-21
 Hingberg, Thomas, 336 E. 241st, Bx..... A Pattern Mkg, Wood Trng, Stv;
 11-18-12
 Hingsberg Olga H., 1285 Hoe Ave., Bx..... A B, DWC; 10-1-19
 Hirsch, James A., 2690 Briggs Ave., Bx.... A G, DWC; 2-1-04
 Hirschberg, Arthur, 2120 Harrison Ave., Bx. A P, DWC; 3-2-14
 Hirschberg, Samuel, 571 Fox, Bx..... A M, Stv (9-11-16) 2-3-19
 Hirschfeld, Samuel D., 2140 Daly Ave., Bx. A St Tp, EvC; (2-1-06) 4-1-19
 Hixon, Kate B., Pleasantville, N. Y..... A B, Ms; (1-9-84) 9-12-98
 Hoadley, Harwood, 115 W. 12th, Mn..... A L, Boys; 9-9-10
 Hobbs, Alice E., 250 Washington Ave., Bn. A D, Wdl; (9-13-97) 10-1-12
 Hobson, George P. F., 76 St. James Pl., Bn. A L, Boys; 6-13-98
 Hochderffer, Mary J. (Mrs), Springfield Gar-
 dens, L. I. A E, Jam; (2-11-99) 3-1-09
 Hochheimer, Rita, 127 E. 121st, Mn..... A G, (Adm) B of E; 2-3-13
 Hodgdon, Katharine I., 314 E. 21st, Bn.... Adm A M, EH; 9-12-98
 Hodges, Archibald L., 414 W. 120th, Mn... 1 A Gr (Ch) (Adm) Wdl; 9-12-97
 (1-1-12)
 Hodgetts, Abbie S., 450 1st Ave., L. I.
 City, L. I. A E (Chg An), JR; 9-14-03
 Hodgkins, Georgina, Great Neck Sta., L. I. A E, WI; 3-2-03
 Hoeg, Gertrude S. (Mrs.), 1280 Dean, Bn. A Cooking (Ch), Bwk; (10-7-01)
 2-2-14
 Hoffman, Alfred L., 342 President, Bn..... A Coml, Coml; (2-3-02) 2-1-06
 Hoffman, Mark, 1143 Vyse Ave., Bx..... A E, Mt; (3-17-98) 9-14-08
 Hoffman, Margie E., 354 Henry, Bn..... A B, Girls; 3-2-08

- Holly, Harold A., 53 Sherman, Bn..... A C, MT; 3-1-06
Holman, Mabel L., 27 Pierrepont, Bn..... A E, Girls; 9-14-08
Holstein, Samuel, 1211 Wheeler Ave., Bx.. A St Tp, HSC; 3-15-20
Holmes, Clara, 206½ W. 13th, Mn..... A D, JR; 10-1-14
Holmes, Ella A., 4 John, Jamaica, L. I.... A B, (Ch), Jam; 9-13-06
Holmes, Mary H., 3540 Ocean Ave, Bn.... 1 A Mod Lang, H; 1-31-98
Holt, Henry L., 16 Shelton Ave., Jamaica, L. I. A P, Boys; 9-14-08
Holstein, Samuel, 1211 Wheeler Ave., Bx.. A St Tp. HSC; (12-1-04) 3-15-20
Holzman, Abraham, 505 12th, Bn..... A P, MT; 4-2-07
Homer, Jacob, 242 Highland Ave., Kearney, N. J. A Top Drghtng, Stv; 9-13-17
Homnick, Clara, 1479 44th, Bn..... A Cv, Coml; 2-5-19
Honerkamp, William E., 652 Decatur, Bn.. A Acc & Bus Pr, Coml; 2-2-20
Hood, Edward C., 50 Hawthorn, Flushing, L. I. A B, Flg; 9-1-03
Hood, Josephine, 920 Delamere Pl., Bn... A H, EH; 2-1-21
Hook, Edward A., 11 Winter Ave., New Brighton, S. I. 1 A M (Ch), Curtis; 9-11-05
Hook, Mary A., 1001 Ocean Ave., Bn..... (1-2-18)
Hooks, David M., 11 Ogden Ave., West Englewood, N. J. Cl A, EH; 9-4-12
Hopkins, Frances L., 9 8th Ave., Bn..... A PT, DWC; 10-1-12
Hopkins, Rupert H., 103 College Ave., W. Brighton, S. I. A L, WI; 12-1-13
Hopkins, Walter D., 815 E. 14th Bn..... A P, FR; (4-16-00) 10-1-20
Hopkins, William C., 348 Walnut, Crawford, N. J. A L, Boys; 1-3-02
Hopper, Herman T., Monsey, Rockland Co., N. Y. A Joinery, Stv; (3-1-07) 9-22-08
Hopping, Aleita, Tottenville, S. I. A H, Coml; 9-12-10
Horgan, May, 1208 Franklin Ave., Bx..... A B, DWC; (11-1-12) 6-28-16
Horton, Ralph E., 133 S. 7th Ave., White-stone, L. I. Cl A, GW; 9-10-20
Horwitt, Pauline, 14 New, Far Rockaway, L. I. A C, HSC; 2-8-15
Horwitz, Max, 171 E. Broadway, Mn..... A Sp, JR; 10-1-17
Hotaling, Ethelwyn D. (Mrs.), Chichester Ave., Richmond Hill, L. I..... A E, Stv; (4-3-11) 9-11-16
Hough, Jean M., 20 Ketcham Pl., Elmhurst, L. I. A E, RH; 10-14-14
Houtley, Elizabeth C., 554 Jefferson Ave., Bn. A F, Ntn; 9-8-16
Hourihan, Daniel B., 37 Park Pl., New Rochelle, N. Y. A Coml (Ch), Bwk; 4-8-12
House, Nathan C., 500 W. 176, Nm..... A H, DWC; 2-19-17
Houston, Jessie F., 616 Williams, East Orange, N. J. A E, Haaren; 11-1-17
Hovey, Horace M., 2025 Broadway, Mn.... A M, DWC; 9-9-10
Howard, Charlotte B., 47 W. 91st, Mn.... A L, Wdl; 9-14-03
Howard, William N., 93 Melbourne Ave., Mamaronek, N. Y. A PT, Stv; 2-1-15
Howe, Alice C., 275 Ocean Ave., Bn..... A Sp (Ch), EH; 9-14-08
Howe, Charles B., Crestwood, N. Y..... 1 A Mech Arts, Haaren; 2-1-05
Howes, Emily H., 7 W. 92d, Mn..... (10-1-09)
Hoy, Elizabeth R., 17 W. 8th, Mn..... A E, JR; 9-9-10
Heylman, Emma Adel, 395 Ft. Washington Ave., Mn. A L, ED; 9-14-08
Hubert, Marie R., 60 W. 10th, Mn..... Cl A, Wdl; 9-11-14
Hubbard, Florence, 126 E. 10, Mn..... A E, WI; 11-1-11
Hubbard, Marion L., 2226 Loring Pl., Bx.. A FHD, Boys; 2-1-21
Hubbard, Ruth E., 1138 Bergen, Bn..... A F, EvC; 2-16-14
Hughan, Jessie W., 378 Grand Ave., Bn.... A Coml. RH; 9-17-06
Hughes, C. Carl, Cliffside, N. J..... A E, GW; 9-9-10
Hughes, Charles E., 474 8th, Bn..... A Coml, HSC; 9-14-08
Hughes, Francis T., 303 E. 5th, Bn..... A B (Chg An), Boys; 3-5-07
Hughes, Rosalie M., 133 E. 43d, Mn..... 1 A B (Ch), Boys; (10-1-00) 10-3-07
Huguenin, Charles W., 430 W. 119th, Mn.. (3-1-17)
Humason, Thomas A., 235 Brooklyn Ave., Bn. Cl A, Bwk; (6-2-19) 11-3-19
A F, Wdl; 9-14-11
1 A M (Ch), Bwk; (10-2-05) 1-1-12
(9-9-12)

Hummel, Francis M., 182 Beechwood Ave., New Brighton, S. I.	A G, Curtis; 9-5-13
Humphrey, Ethel M., 1277 Hoe Ave., Bx...	A St Tp, Girls; 2-3-19
Humphries, George F., 100 Buckingham Rd., Nepperhan Hts., Yonkers, N. Y.	A Acc & Bus Pr, TR; 2-1-07
Humphries, L. Kyle, 318 W. 57th Mn.	A Ec, Coml; 11-1-20
Huncke, Helen F. (Mrs.), 383 St. John's Jl., Bn.	Lab A B, WI; 11-14-18
Hunt, Arthur E., 82 Hawthorn, Bn.	1 AB (Ch), MT; 9-13-97 (10-1-06)
Hunt, Lucille R., 227 Macon, Bn.	A Coml, BR; 6-28-16
Hunt, Mabel M., 509 W. 122d, Mn.	A G, Ms; (11-1-05) 9-11-14
Huntington, Belle, 187 Madison, Bn.	A PT, Girls; 11-1-07
Hurlbut, Martha A., 426 E. 26th, Mn.	A D, WI; 9-14-03
Hurty, Kathleen E., 177 Woodruff Ave., Bn.	A B, EH; 9-14-08
Hurwitz, Joseph, 575 W. 159th, Mn.	A M, HSC; (2-3-03) 9-8-16
Hurwitz, Marie, 4215 12th Ave., Bn.	A E, NU; 9-10-20
Hutchinson, Helen S., 363 Grand Ave., Bn..	A D (Ch), Bwk; (9-6-12) 2-3-13
Hutton Sarah E., 67 W. 106th, Mn.	A B, Coml; (2-1-06) 10-14-19
Hyde, Charles W., 423 W. 120th, Mn.	A F, DVC; 11-1-13
Hyde, Isabella, 125 Washington Pl., Mn....	1 A Mod Lang (Ch), JR; 9-23-98 (9-1-14)
Hynes, Katherine M., 150 E. 49th, Mn.	Cl A, Flg; 11-14-18

I

Illich, Louis L., 715 Tilden, Bx.	A C, GW; (10-3-04) 9-11-10
Ingalls, Margaret L., 432 Macon, Bn.	A M, Girls; 7-1-94
Inman, Charles G., 166th and Boston Rd., Bx.	A B, Ms; 9-11-14
Innerman, Mary I., 305 E. 30, Bn.	A PT, MT; (11-1-06) 2-1-21
Isles, Edith W., 846 Hancock, Bn.	Cl A, BR; (2-5-16) 11-3-19
Isles, Maude M., 424 Senator, Bn.	A D, BR; 9-11-14

J

Jackson, Agnes E., 646 W. 158th, Mn.	A St Tp, GW; 3-2-14
Jackson, Eugene, 1776 Weeks Ave., Bx....	A G, DVC; 9-11-11
Jacob, A. Gertrude, 13 Hollis Ct., Hollis, L. I.	A PT (Ch), Jam; 9-11-05
Jacobia, Spencer P., 303 E. 161st, Mn.	A Acc & Bus Pr, TR; (9-4-98) 9-9-12
Jacobs, Leo, 28 Second Pl., Bn.	A H, Boys; (3-2-03) 3-13-13
Jacobs, Morris L., 116 W. 121st, Mn.	A Sp, Stv; 10-3-17
Jacobson, A. George, 109 Flushing Ave., Jamaica, L. I.	A PT, RH; 11-1-17
Jacobson, Harry, 231 E. 118th, Mn.	A MD, MT; (10-3-04) 9-12-10
Jacobson, Walter, 977 Tiffany, Bx.	A Coml (Ch), ED; (11-3-02) 12-18-11
Jacoby, Henry, 635 E. 6th, Mn.	A E, Stv; 3-15-20
Jaggard, Alice, 8797 118th, Richmond Hill, L. I.	A L, Ntn; 9-8-16
Jahr, Alfred D., 426 E. 79th, Mn.	A M, MT; 9-10-20
Jameson, Jennie D., 15 W. 12th, Mn.	A Cooking, WI; (9-12-04) 2-11-10
Janes, Arthur L., 275 Clinton Ave., Bn.	P, Boys; 9-12-98 (9-6-16)
Jaquish, Ben M., 782 18th, Bn.	A M C, EH; 9-10-00
Jaret, Abraham, 968 Whitlock Ave., Bx....	A Sp, Stv; (9-12-04) 9-6-18
Jaffe, Lewis H., 438 4th, Bn.	A Cv, NU; 4-4-20
Jarck, Elsie A., 766 E. 138th, Bx.	Cl A, Ms; 2-1-15
Jason, Simon J., 446 Fort Washington Ave., Bx.	A Coml, EvC; (4-1-07) 11-3-13
Jeffords, Clyde R., 19 Union Pk. Ave., Jamaica, L. I.	1 A Class Lang (Ch), Ntn; 9-11-05 (2-2-20)
Jeffs, Eva E., 18 Buckingham Rd., Bn.	A M, EH; 2-3-13
Jenkins, Anna S., 427 Nostrand Ave. Bn...	A L (Ch Mod Lang) GComl; 9-22-98
Jenkins, Caroline E., 13 Winans, East Or- ange, N. J.	A Cv, WI; (9-11-08) 10-1-19
Jenkins, Clyde C., 594 Park Pl. Bn.	A Coml, Coml; 4-29-18
Jenks, Paul R., 41 Mitchell Ave., Flushing, L. I.	1 A Class Lang (Ch), Flg; 2-4-01 (9-4-07)

Jenner, William A., 126 Lefferts Pl., Bn...	1 A Class Lang (Ch), NU; 9-13-06 (2-5-17)
Jenness, Jennie M., 1115 Prospect Pl., Bn..	AC Girls; 9-1-94
Jennison, Emily M., 1013 Prospect Pl., Bn..	A M (Ch), FR; 10-3-04
Jennison, Harry A., 3 W. 194th, Mn.....	A Mu (Ch), DWC; 6-28-16
Jeschke, Martha L., Bayview Ave., Cedarhurst, N. Y.	A St Tp, FR; 2-5-13
Jewell, Edith, 126 Willoughby Ave., Bn....	A M, Girls; 9-9-10
Jewell, Marion D., 416 Putnam Ave., Bn....	A H, Boys; 9-10-20
Johnson, Albert A., 20 Forest, Corona, L. I.	A PT, Ntn; (4-1-07) 10-1-17
Johnson, Ellis A., 74 Hart, Bn.....	A M, Boys; 9-7-17
Johnson, Estella M., Gardens Apt., Forest Hills, L. I.	A L, RH; 10-5-04
Johnson, Harriet M. B., Union Sq. Hotel, Mn.	A Sewg, WI; (2-1-06) 3-2-14
Johnson, Julius M., 179 S. Pleasant Ave., Ridgewood, N. J.	1 A B (Ch), Bwk; 10-1-02 (1-1-12)
Johnson, Leslie A., Murray Hill, N. J.....	A P, Stv; (11-1-07) 10-1-09
Johnson, K. Courtney, 461 W. 22d, Mn....	A E, WI; 9-11-14
	A P, Stv; (11-1-04) 10-1-09
Johnson, Margaret E., 168 Hancock, Bn...	A M, ED; 6-28-16
Johnson, Marion, 591 Park Pl., Bn.....	Cl A, EH; 9-4-12
Johnson, Mary H., 512 W. 123d, Mn.....	A E, WI; 9-8-02
Johnson, Walter R., 165 W. 129th, Mn....	A E, DWC; (9-12-04) 2-3-13
Johnston, Marie L., 68 Kingsland Ave., Elmhurst, L. I.	A E, Bry; (4-3-11) 9-10-20
Johnston, Henry, 1036 E. 10th, Bn.....	A E, Boys; 9-11-05
Johnston, Ina W., 12 Clifton Pl., Bn.....	A D G (Ch), GComl; (11-2-06) 9-11-11
Jonas, J. B. Edward, 529 W. 179th, Mn...	1 A Mod Lang (Ch G) DWC; 9-11-11 (9-9-14)
Jonas, Louis, 230 Hillside Ave., Jamaica, L. I.	A Coml, HSC; (10-3-04) 2-3-13
Jones, Blanche A., 1594 Hayes Ave., Elmhurst, L. I.	A E, Flg; 2-2-14
Jones, Daisy M., 804 Park Pl., Bn.....	A E, Coml; 4-15-18
Jones, Frances E., 31 Seaman Ave., Mn....	A E, GW; 9-10-06
Jones, Frederick B., 135 Warwick, Bn....	A L, Boys; 10-1-09
Jones, C. Hubert, 29 Overhill Pl., Yonkers, N. Y.	A H, TR; (3-11-12) 9-5-19
Jones, May T. (Mrs.), Bayside, L. I.....	A E, Bwk; 9-9-10
Jones, Walter R., 369 St. Johns Pl., Bn...	A M, MT; 9-11-11
Jordan, C. Victor, 10 Amherst Ave., Jamaica, L. I.	A B, Boys; (11-20-01) 9-11-14
Joseph, Myrtle J., 514 W. 122d, Mn.....	A G, Bry; 9-11-11
Joslyn, Rosamund, 112 Hardenbrook Ave., Jamaica, L. I.	Lib A, Jam; 3-15-11
Jud, Friedolina C., 119 Franklin, Jersey City, N. J.	Lab A B, Girls; 10-2-16
Judge, Anna G., 235 W. 75th, Mn.....	A Mu (Ch), Wdl; (11-3-97) 9-8-02
Junge, Antonie H., 685 Nostrand Ave., Bn..	A G Gr, Girls; (10-14-89) 7-1-95

K

Kahn, Jennie, 203 W. 117th, Mn.....	A St Tp, JR; (12-2-07) 11-3-13
Kaine, Joseph M., 182 Macon, Bn.....	A B, Boys; (9-6-07) 2-3-13
Kalman, Lasser, 2035 Creston Ave., Bx....	A Acc & Bus Pr, HSC; 3-1-20
Kane, Edwin A., 460 W. 144th, Mn.....	A El, HSC; 2-1-15
Kane, James J., 266 Jay St., Bn.....	A El, Bwk; (10-3-04) 10-19-14
Kane, Julia A., 371 W. 117th, Mn.....	A F GW; (1-1-96) 11-3-19
Kane, Thomas F., 15 Kenmore Pl., Bn....	A M, Curtis; 9-28-98
Kane, Thomas F., 35 Clarkson, Bn.....	A E, Stv; 2-2-20
Kanwit, Harris, 20 Thompson Pl., Lynbrook, N. Y.	A Coml (Ch), RH; (9-8-05) 9-2-14
Kanzer, Edward M., 1512 Union, Bn.....	A Acc & Bus Pr, Bwk; (11-1-06) 9-5-19
Kaphan, Ludwig, 1611 11th Ave., Bn.....	1 A H (Ch), FR; (2-8-09) 2-9-11 (2-2-20)
Kaplan, Abraham A., 2147 Honeywell Ave., Bx.	A Sp, HSC; (4-1-08) 9-10-20
Kaplan, Isaac F., 516 Euclid Ave., Bn....	A F, Stv; 2-3-19
Kaplan, Isabel D., 772 Lafayette Ave., Bn..	Cl A, Coml; 4-1-19
Kaplan, Samuel R., 1777 E. 14th, Bn.....	A M, Boys; 4-10-19
Kaplowitz, Maurice, 397 Chester, Bn.....	A M, Boys; 2-2-20

- Katz, Henry D., 3875 Broadway, Mn..... A Coml, WI; (10-3-04) 2-2-14
 Katz, Milton J., 510 W. 184th, Mn..... A B, Boys; (4-8-12) 9-11-16
 Kauffman, William A., 183 Keap, Bn..... A P (Ch P Sc), ED; 1-1-04
 Kaufman, Morris, 8629 24th Ave., Bn..... A PT, DWC; (10-15-14) 9-11-16
 Kaufman, Paul D..... A Sp, DWC; 11-1-20
 Kavanagh, Edward J., 2409 Grand Ave., Bx. A L, GW; (11-4-03) 2-1-15
 Kaylin, Alexander, 265 E. 194th, Mn..... A (Mdse & Sales), Haaren; (2-3-13) 10-1-19
 Kean, C. Warren, 140 High St., Leonia, N. J. A St Tp (Ch), HSC; 10-2-16
 Keane, Thomas W., Hotel Endicott, 81st and Broadway, Mn..... A Acc & Bus Pr, Coml; 9-10-20
 Keane, Thelma B (Mrs.), 81st and Columbus Ave., Mn..... A PT, TR; (1-5-14) 11-1-17
 Kearney, Maurice W., 606 72d, Bn..... A P (Ch P Sc), BR; 9-9-12
 Keck, Fred R., 352 Argyle Rd., Bn..... A M, EH; 10-1-09
 Keenan, Irene D., 645 10th, Bn..... A St Tp, BR; 2-5-17
 Keenan, Patrick J., 768 Hancock, Bn..... A Cv, MT; (9-17-00) 11-1-20
 Keener, Robert H., 209 W. 97th, Mn..... 1 A Mod Lang (Ch), EvC; 3-1-05 (9-11-11)
 Keigwin, Henry W., 24 N. 9th Ave., Mt. Vernon, N. Y. A M (Chg An), EvC; 5-1-02
 Kelban, Sophia, 159 13th Ave., Astoria, L. I. A Acc & Bus Pr, JR; 3-15-20
 Keil, Minnie, 234 W 129th, Mn..... A Plcmt Invest, WI; 4-9-17
 Kelley, Charles B. L., 51 McDonough, Bn. A C, Coml; 10-2-16
 Kelley, Edith A., 90 Morningside Dr., Mn.. A F, JR; 9-11-14
 Kelley, Frank B., 455 Madison Ave., Elizabeth, N. J. A H, DWC; 9-1-99
 Kelley, Mary A., 519 W. 121st, Mn..... A Coml, RH; (5-1-01) 2-5-17
 Kellogg, Raymond N., 2364 Valentine Ave., Bx. A El (Ch), Ms; 9-12-04
 Kelly, David F., 215 E. 238th, Bx..... A M, GW; 9-10-06
 Kelly, Edwin M., 168 Wilson, Bn..... A E, Stv; 4-1-18
 Kelly, John F., 340 E. 142d, Bx..... A St Tp, EvC; 4-1-19
 Kelly, Katherine, 696 West End Ave., Mn. A E, DWC; 11-1-20
 Kelsey, Lucile F., 620 W. 116th, Mn..... A E, Wdl; 2-3-13
 Kelsey, Louise H., 150 E. 35th, Mn..... A M, Wdl; 9-12-98
 Kemlo, Elizabeth W., 346 Macon, Bn..... A E, MT; 2-1-18
 Kennedy, Anna J., 179 Crown, Bn..... A H (Ch), GComl; 10-1-09
 Kennedy, Agnes P., 33 Convent Ave., Mn... A St Tp, JR; 11-3-13
 Kennedy, Harold M., 447 74th, Bn..... A E, NU; 2-16-20
 Kennedy, Mary, 1024 Hudson, Hoboken, N. J. A Cv, Stv; 3-1-20
 Kennedy, Patrick J., 988 Greene Ave., Bn.. A M, Boys; 11-15-07 (2-2-20)
 Kennedy, Paul A., 311 6th Ave., Bn..... A E, EH; 2-2-20
 Kenny, Mary, 419 W. 119th, Mn..... A E, JR; 4-25-18
 Kent, Fannie A. (Mrs.), Hollis Court Blvd., Jamaica, L. I. A Coml, Jam; 9-8-02
 Ker, Bertha L., 119 Washington Pl..... A PT, Curtis; 2-2-20
 Kerby, Joseph J., 929 Marcy Ave., Bn..... A Sp, Boys; (11-1-06) 9-14-17
 Kerby, Joseph J..... A Sp, Boys; (11-1-06) 4-1-21
 Kerr, Edna B. (Mrs.), 549 E. 86th, Mn.... A E, Ms; 6-28-16
 Kerr, Frank E., 245 Heberton Ave., Port Richmond, S. I. A Ec, Curtis; (11-15-07) 9-9-12
 Kersey, P. Joseph, 11 E. Smith, Freeport, Kessler, Harry, 247 2d, Mn..... A PT, Boys; 2-4-15
 Ketchum, Daisy T., 629 W. 135th, Mn..... A Coml, Ms; (9-9-10) 2-1-15
 Ketchum, Roland, 32 DeKalb Ave., White Plains, N. Y. A D, Girls; 9-11-05
 Keves, Rowena K., 260 Gates Ave., Bn.... A E, Ms; 2-1-15
 Kibby, Warren J., Caxton Ave., St. Albans, L. I. 1 A E (Ch), Haaren; 2-2-03 (9-8-20)
 Kilburn, Florence M., 1224 Pacific, Bn..... A Coml, Coml; 3-1-12
 Killen, Arthur H., 521 Laburnum Ave., Flushing, L. I. 1 A Acc & Coml Law (Ch), GComl; (9-8-02) 9-5-19
 Kibby, Minnie R. (Mrs.), Caxton Ave., St. Albans, L. I. A P, Flg; 11-11-07
 King, Cyrus A., 387 E. 5th, Bn..... A E, Jam; 11-2-08
 King, Elizabeth Edwards, 404 W. 115th, Mn. 1 A B (Ch), EH; 10-1-02 (2-1-07)
 King, Helen L., 195 Claremont Ave., Bn... A E, Wdl; 11-2-98
 King, Marie B., 225 W. 14th, Mn..... A L, ED; 2-1-07
 King, Melville S., 145 Fair, Paterson, N. J. A E, JR; 9-11-14
 King, Patrick F., 75 Harrison, Stapleton, S. I. A Coml, HSC; 2-1-06
 S. I. A Sp, DWC; (11-1-07) 10-2-16

- Kingsbury, George H., Medina Pl., Elmhurst, L. I. A Physiog, Ntn; 9-1-98
 Kingsbury, Mary A., 117 St. Johns Pl., Bn. Lib A, EH; 6-1-00
 Kinnan, Madeline, 18 Clifford Ave., Pelham, N. Y. A St Tp, WI; 9-9-12
 Kinnan, Wilmer, The Stuyvesant, New Brighton, S. I. A Acc & Bus Pr, Curtis; 3-1-21
 Kinney, Patrick R., 1773 Washington Ave., Bx. A E, DWC; (10-1-03) 2-5-17
 Kinoy, Albert, 1050 Forest Ave., Bx. A PT, Boys; 9-10-20
 Kip, Arthur R., 208 Madison, Bn. 1 A Coml, Coml; 2-21-99 (12-1-11)
 Kirby, J. Albert, Flushing, L. I. A Coml, HSC; 9-10-09
 Kirkman, Loulie R., 39 W. 11th, Mn. A H, WI; (2-1-98) 9-6-18
 Kirkpatrick, James D., 35 Cliff Ave., Yonkers, N. Y. A E, HSC; 2-1-15
 Kirkpatrick, T. Bruce, 1120 Amsterdam Ave., Mn. 1 A PT (Ch), Ntn; 9-11-16 (3-2-20)
 Kiser, Frederick G., 1401 Bayview Ave., Inwood, N. Y. A Coml, FR; 9-11-14
 Kiso, Freda, 8414 114th, Richmond Hill, L. I. A Sp G, ED; 10-14-12
 Kiso, Paula, 8414 114th, Richmond Hill, L. I. Cl A, RH; 9-5-19
 Kissane, Thomas, 1122 Hancock, Bn. A Sp, Stv; 1-5-20
 Kivlen, Maude D., 129 W. 11th, Mn. A H, WI; (2-1-10) 3-21-13
 Klawter, Simeon H., 419 W. 129th, Mn. A G, Stv; 10-3-11
 Klees, C. Mathilde, 666 Lexington Ave., Mn. A St Tp, WI; (2-12-94) 2-3-13
 Klein, Anthony W., 931 Fox, Bx. 1 A Acc & Coml Law (Ch), Flg; (10-9-99) 9-5-13 (2-3-20)
 Klein, Edward C., Arverne, L. I. A Coml, JR; (10-2-03) 9-11-16
 Klein, Leopold, 137 West 119th, Mn. A G, Boys; 9-11-14
 Klein, Margaret A., 40 Morningside Ave., Mn. A E, Flg; 2-1-10
 Klein, Morris, 152 W. 98th, Mn. A D, DWC; (12-9-04) 2-3-13
 Klein, Nelson S., 565 W. 139th, Mn. A B, DWC; 2-5-17 (2-2-20)
 Klock, Claude W., Demarest, N. J. A B DWC; 2-5-17 (2-2-20)
 Knapp, Annie M., 11703 Fulton, Richmond Hill, L. I. A H, RH; 11-5-09
 Kneil, Margaret M., 427 Nostrand Ave., Bn. Lib A, Girls; 9-5-19
 Knickerbocker, Edwin V., 393 Edgecombe Ave., Mn. A E, EvC; (10-21-01) 11-1-12
 Knowlson, Walter S., 390 East 21st, Bn. A H, EH; 11-1-10
 Knowlton, Mary E., Bronxville, N. Y. A E, Ms; 9-9-10
 Knox, Antoinette, 25 Virginia Ave., Poughkeepsie, N. Y. A H, Coml; 9-10-20
 Knox, Charlotte G., 828 St. Nicholas Ave., Mn. A E, Ms; (10-1-92) 9-11-99
 Knox, Jaxon, 195 Claremont Ave., Mn. A E, DWC; 2-1-06
 Knox, T. Harry, 343 Washington, Glen Ridge, N. J. A D, Stv; (9-1-88) 9-12-04
 Koch, Ernest H., 208 N. Maple Ave., E. Orange, N. J. A M, HSC; 9-5-13
 Konermann, Helene V., 138 W. 4th, Mt. Vernon, N. Y. A F, G, Ms; 2-1-00
 Koopman, S. Bernard, 940 Ogden Ave., Bx. 1 A Acc & Coml Law (Ch), HSC; 2-1-10 (2-2-20)
 Korey, Abraham J., 334 E. 25th, Bn. A E, Boys; (1-4-04) 2-2-14
 Korn, E. Mildred F. (Mrs.), 49 W. 90th, Mn. A E, DWC; 11-3-19
 Kramer, Edna F., 50 W. 77th, Mn. A E, JR; (2-11-10) 9-8-16
 Kramer, Herman, 119 Elwood Pl., Plainfield, N. J. A Coml, Bry; (11-1-05) 2-1-15
 Kramlich, Emma F., 175 W. 79th, Mn. A Mu, EvC; (3-14-12) 9-10-20
 Krane, Daniel G., 186 Lenox Ave., Mn. A E, DWC; 2-5-17
 Krause, Arthur K., 2743 Kingsbridge Ter., Bx. A M, DWC; 9-9-10
 Krause, Carl A., 1042 Sterling Pl., Bn. 1 A Mod Lang (Ch), Jam; 2-1-04 (1-1-12)
 Kraker, Goldie, 288 W. 147th, Mn. Cl A, WI; 2-2-14
 Krebs, Matilda F., 154 E. 91st, Mn. A PT, JR; (10-1-95) 10-2-16
 Krellenstein, Ray, 604 W. 140th, Mn. A PT, WI; 4-3-12
 Kretschmer, Magda, 24 Pennsylvania Ave., Bn. A Coml, ED; 9-9-12
 Krivulin, Katharine, 1018 E. 163, Bx. A St Tp, JR; (2-1-00) 2-1-21
 Kroll, Abraham, 8543 102d, Richmond Hill, L. I. A Sp, DWC; 9-7-17
 Krupp, Sadie, 500 W. 143d, Mn. A St Tp, JR; (11-1-10) 4-25-18
 Kuhn, Adelina, 3100 Broadway, Mn. A F, ED; 9-28-08

- Kummerle, Katharine M., 91 Vernon Ave.,
Mt. Vernon, N. Y.....
Kupfer, Elsie M., 50 W. 76th, Mn.....
Kupfer, Ernestine C., 448 Harmon, Bn....
Kurke, George S., 2363 Valentine Ave., Bx.
Kysor, Dania, 149 W. 12th, Mn.....
A Sp, Stv; 10-1-20
1 A B (Ch), Wdl; 9-8-02 (2-8-09)
A Cv BR; (11-3-13) 2-2-20
A Coml, Ev C (4-8-12) 2-16-20
A Acc & Bus Pr, JR; 3-14-18
- L**
- Lacey, Bertha, J., Perrysville, Ind.....
Laird, James D., 3 W. 104th, Mn.....
Lagerwall, Charles J., 340 E. 142d, Bx....
Lamb, William W., 225 Argyle Rd., Bn...
A D, WI; 9-9-12
A M, DWC; (9-15-98) 9-11-16
A M, HSC; (3-11-01) 10-1-12
1 A Mod Lang (Ch), MT; 9-14-03)
(2-8-09)
- Lambert, Paula C., 621 W. 135th, Mn....
Lambert, Sophia W., 12 Bainbridge, Bn....
Lamm, Lucian, 618 Prospect Ave., Bx....
Lancaster, Catherine A., 30 Horton, Elm-
hurst, L. I.
Landau, Laura, 316 W. 97th, Mn.....
Landers, Leland L., 8552 116th, Richmond
Hill, L. I.
Landesman, Abraham, 215 Audubon Ave.,
Mn.
Landowne, Julius, 2336 Loring Pl., Bx....
Lanese, Carolyn F. (Mrs.), 85 Hanover,
Elmhurst, L. I.
Lang, Antoinette T., 689 Melrose Ave., Bx..
Langdon, Amanda M., 157 W. 123d, Mn..
A S, JR; 3-1-17
A B, WI; 2-15-09
A H, DWC; 2-2-20
A D (Ch), Ntn; (11-2-11) 9-11-16
A M, Ms; 9-9-01
A M (Ch), RH; 10-31-00 (2-8-09)
A Cv, DWC; (11-2-03) 4-19-20
A B, DWC; (12-3-06) 9-11-16
A M, Ntn; (9-14-03) 9-11-11
A Sp, TR; (2-1-18) 4-1-19
A Coml (Ch Ec & Cv), TR;
4-17-12
A PT, Jam; (11-16-14) 9-8-19
A H, Coml; 9-1-18
A St Tp, Bwk; 4-1-09
A Cv, Coml; 4-5-20
A F, ED; 9-12-04
A G, Wdl; (3-1-12) 2-3-13
A E, DWC; 9-15-10
A B, Ntn; 2-15-15
A Coml, Ntn; 4-8-12
A M, EH; 9-14-99
A B, Coml; 3-13-13
A D, EH; 2-1-15
A F, Sp, WI; 2-1-18
A Sp, Coml; 2-1-18
A E, EH; 2-1-07
1 A E (Ch), Stv; 9-12-04 (2-8-09)
1 A H (Ch), Jam; 1-31-02 (9-12-10)
A E, WI; 2-3-13
A L, Flg; 9-11-99
A L, DWC; 9-12-10
Cl A, WI; 3-13-13
A E, Stv; 9-5-19
A E, Ms; (11-1-05) 9-10-20
A Wood Turning, Stv; (9-9-07)
3-2-14
A M, Coml; 10-3-07
1 A B (Ch), Girls; 9-10-94 (10-1-06)
Cl A, Jam; 3-15-20
A H, RH; 9-11-05
A Sp, Wdl; 2-2-19
A Sp, Wdl; 2-2-19
A H, HSC; (9-8-05) 9-11-16
A Gr, EH; 11-1-07
A PT, Coml; 9-11-14
Lab A B, WI; 2-3-19
A Sp, GComl; (11-3-13) 10-19-14
- Langdon, Dorothy C., 1081 Prospect Pl., Bn.
Langdon, Ruth J., 157 W. 123d, Mn.....
Langer, Viola M., 2024 85th, Bn.....
Lanz, Jeanne M., 1224 Pacific, Bn.....
Lapatnikoff, Paula, 355 W. 145th, Mn....
Lapolla, Garibaldi M., 429 W. 214th, Mn...
Larsen, Isabel, 70 Morningside Dr., Mn....
Larsh, Charles H., 84 Gown, Forest Hills,
L. I.
Lasher, William R., 3177 Bedford Ave., Bn.
Lasswell, Arthur C., 408 7th, Bn.....
Latham, Elizabeth B., 515 Clinton Ave., Bn.
Latzke, Frances R., Douglas Manor, Doug-
laston, L. I.
Latzke, Pauline D., Douglas Manor, Doug-
laston, L. I.
Lauder, Mary A., 781 Ocean Ave., Bn.....
Law, Frederick H., 472 Argyle Rd., Bn....
Lawrence, Antoinette, 26 McDonough, Bn.
Lawton, Mary A., 160 E. 91st, Mn.....
Lay, Wilfrid, 510 W. 113th, Mn.....
Leavitt, William M., 82 33d, Woodcliff-on-
Hudson, N. J.
Lebel, Emilie M. (Mrs.), 541 W. 142d, Mn.
Lechler, Pauline M., 520 W. 122d, Mn.....
Le Comte, Harold, 1934 University Ave.,
Bx.
Ledley, Charles W., 601 High, Glen Ridge,
N. J.
Lee, Joseph B., 942 St. Marks Ave., Bn...
Lee, Marguerite T., 66 W. 95th, Mn.....
Lee, Martha, 379 Hancock, Bn.....
Leete, Gertrude M., 8786 Lefferts Ave.,
Richmond Hill, L. I.
Leffert, Ethel, 431 E. 155th, Mn.....
Lefkowitz, Abraham, East Elmhurst, L. I..
Leggett, Blanche C., 611 Ocean Ave., Bn...
Lehrer, Isidore D., 210 Dahill Rd., Bn....
Leibell, Agnes M., 23 E. 89th, Mn.....
Leistner, Ida, 1144 Jackson Ave., Mn.....
A Sp, Stv; 10-1-20
1 A B (Ch), Wdl; 9-8-02 (2-8-09)
A Cv BR; (11-3-13) 2-2-20
A Coml, Ev C (4-8-12) 2-16-20
A Acc & Bus Pr, JR; 3-14-18

- Lemowitz, Nathan H., 1506 Crotona Pk., E. N. Y. A Coml, ED; (11-1-05) 9-12-10
 Lenfest, Bertram A., 130 Sterling Pl., Bn... 1 A Mech Arts (Ch), MT; 9-11-05 (11-1-17)
- Lent, Suzanne B., 524 Lefferts Ave., Richmond Hill, L. I. A E, RH; 2-3-13
 Lenz, George J., 244 W. 96th, Mn... A Sp (Ch), Wdl; 2-2-14
 Leonard, Howard C., 789 Elton Ave., Bx... 1 A Mod Lang (Ch), TR; (4-1-07) (2-2-20)
- Leonhard, Thomas S., 696 Decatur, Bn... A D, Stv; 2-15-09
 LeRoy, Walter I., 186 Sterling, Bn... A Joinery, MT; (1-2-08) 11-1-10
 Leskowitz, Albert, 348 Marcy Ave., Bn... A M, Boys; 9-8-16
 Lenchs, Fritz A., 600 E. 164th, Bx... A Sp Stv; 9-11-11
- Luetscher, George D., 8419 112th, Richmond Hill, L. I. A H (Ch Cv), Jam; 2-1-06
 Lessing, Edna, 1925 Andrews Ave., Bx... A E, JR; 9-5-19
 Leventhal, Murray J., 1578 Elmore Pl., Bn... A M, Stv; (3-13-13)
 Leveridge, Ethel S., 277 E. Broadway, Mn... A PT, ED; 2-5-17
 Levine, Harry, 544 W. 150th, Mn... A M, DWC; 4-8-12
 Levine, Michael, 1646 University Ave., Bx... A B, HSC; (11-1-06) 3-4-12
 Levins, Julia M., 1785 Topping Ave., Bx... A Sewg, WI; (2-19-96) 3-1-12
- Levis, Ella C., 215 Central Ave., Leonia, N. J. A Cv, EH; 9-10-20
 Levy, Abraham, 255 S. 3d, Bn... Lab A PC, HSC; 2-4-18
 Levy, Harry A., 145 Taylor, Bn... Lab A PC, EH; 9-11-11
 Levy, Helen M., 350 W. 115th, Mn... A Cv, HSC; 2-2-20
 Levy, Joseph, 560 Dean, Bn... A L Boys; 9-8-16
 Lewenthal, Rebecca, 53 Hamilton Ter., Mn... A D JR; (1-1-90) 2-1-04
 Lewis, Alfred H., Congers, N. Y. A M, HSC; 9-11-05
- Lewis, Arthur C., 192 Grand Ave., Englewood, N. J. A M, Ms; 9-16-07
 Lewis, Dorothy R., 101 E. 92nd, Mn... A E, DWC; 9-10-20
 Lewis, Effie L., 44 Essex, Bn... A E, GComl; (9-12-98) 4-1-19
 Lewis, Ernest D., 109 W. 45th, Mn... 1 A H (Ch), EvC; 10-1-06 (2-2-20)
 Lewis, Ethel F., 69 Milford, Bn... CI A, ED; 9-5-17
 Lewis, Frederick Z., 39 Winthrop, Bn... 1 A B (Ch Cv), Boys; 2-21-99 (12-1-06)
- Lewis, Isabel, 304 W. 109th, Mn... A E, Stv; (9-1-80) 1-3-98
- Leyenberger, Harry W., 25 Daisy Ave., Floral Park, L. I. A Coml (Ch), Haaren; 3-10-11
 Lichterman, Rose, 664 W. 179th, Mn... A St Tp (Ch), Wdl; (4-8-12) 2-3-19
 Lichtman, Flora (Mrs.), 23 W. 70th, Mn... A PT, EvC; (12-2-12) 9-5-19
 Lieb, Michael, 212 East 102d, Mn... A Sp, Coml; 10-2-16
 Lieberman, Elias, 10 Bleecker, Bn... 1 A E (Ch), Bwk; (11-2-03) 2-3-13 (2-2-20)
- Lieberman, Jacob, 29 Cannon, Mn... A C, Stv; 6-28-16, (4-19-20)
 Lieberman, Max, 379 Hancock, Bn... A El, Bwk; (11-1-09) 9-5-13
 Lieberman, Max, 504 W. 151st, Mn... A F, DWC; (11-3-13) 9-5-19
 Lieberman, Mildred, 758 Ocean Ave., Bn... A St Tp, JR; 2-3-19
 Lightcap, Joseph L., 204 Franklin Ave., Bn... A E, Stv; (4-13-18) 2-2-20
 Lind, Jacob J., 476 50th, Bn... A L, Boys; 2-1-15
 Lindlar, William, 2725 Albemarle Rd., Bn... A P, MT; 9-5-10
 Lindner, Clara A., 514 Fifth Ave., Bn... A Sp G, RH; 9-11-14
 Lindquist, Harold S., 2494 Morris Ave., Bx... A Cv, HSC; (11-1-06) 10-1-19
 Lindquist, Margaret, 62 E. 190th, Bx... A Coml, Haaren; (11-1-06) 9-11-16
- Lindsey, Frederick B., 124 Midland Ave., Glen Ridge, N. J. A E, HSC; 9-12-04
 Lingg, Amalie S., 514 W. 114th, Mn... A G, TR; 9-9-12
 Linker, John, 175 E. 79th, Mn... 1 A Coml (Ch), JR; 11-2-13 (2-2-20)
 Linnell, Wilhelmina A., 764 Halsey, Bn... A E, Bwk; (9-7-06) 9-11-16
 Lippe, Adolph A., 3 W. 128th, Mn... A M, EvC; (10-6-98) 11-1-12
 Lippman, Louis G., 222 W. 105th, Mn... A Cv, HSC; (12-1-03) 9-10-20
 Lippner, Philip, 730 Garden, Bx... A St Tp, TR; (9-6-12) 10-1-19
 Lippner, Simon L., 1563 Union, Bn... A G, NU; (9-8-05) 9-9-13
 Lipschitz, Berthold, 501 W. 143d, Mn... A Coml, EvC; (11-1-07) 4-8-12
- Lipsky, Abram, 1001 Faile, Mn... A G, Stv; 9-11-11
 Littig, M. Josephine, 296 Lafayette Ave., Bn... A D, Bwk; (10-1-03) 9-11-11
 Littwin, Maxwell F., 1550 St. Johns Pl., Bn... A E, Boys; (11-1-09) 9-11-17
 Lobsenz, Margaret, 233 W. 122d, Mn... A E, Stv; (9-8-11) 9-9-19
 Lobsenz, Johanna, 233 W. 122d, Mn... A Ec, HSC; (9-8-11) 9-5-19
 Locke, Alice G., 288 Ryerson, Bn... A D, Bwk; 2-1-15
- Locke-Henry, Anna W. (Mrs.), 22 W. 72d Mn. A B, Wdl; 9-12-98
 Lockwood, Cornelius W., 218 Cumberland, Bn. A P, Stv; 9-9-07

- Login, Charles, 17 E. 97th, Mn..... A E, Stv; (11-1-07) 9-8-16
 Logue, Annie E., 160 E. 91st, Mn..... A Sewg, WI; (10-1-95) 11-1-06
 Long, Leslie O., 27 Bank, Mn..... A H, DWC; 2-2-14
 Long, Reuben H., 122 W. Fordham Rd., Bx. A Coml, EvC; 9-11-05
 Look, Samuel M., 3875 Broadway, Mn..... A E, Ms; 9-14-03
 Loos, Richard F., 150 Franklin Pl., Flush-
 ing, L. I. A G, Jam; (9-10-01) 12-2-07
 Lord, Rose L. (Mrs.), 23 N. 5th, Wood-
 side, L. I. A Sewg & Dresss Mkg (Ch Dom
 Art), Wdl; (12-2-01) 10-2-11
 Loring, Jacob M., Oak, Tempstead, L. I... A St Tp, Jam; 3-1-12
 Loughran, Agnes M., 142 Rutledge, Bn.... A Coml, ED; (1-1-91) 1-8-12
 Loughran, John, Little Neck Hills, L. I.... A E, DWC; 4-1-08
 Loughran, Vincent J., 199 Stryker Ave.,
 Woodside, L. I. A C, Bry; 9-8-16
 Love, Harry M., 2997 Briggs Ave., Bx.... A E, TR; 9-9-10
 Loveland, Alfred E., 251 Maple, Bn..... A Coml, Coml; (11-2-03) 12-1-08
 Lovell, Katherine A., 260 Cumberland St.,
 Bn. A D, EH; (2-1-04) 2-3-13
 Lovely, Thomas, 163 Clinton Ave., Bn..... A H, Jam; 9-1-19
 Low, Clara L., 2226 Loring Pl., Bx..... A Dom Sc, EvC; (4-1-02) 9-15-11
 Low, J. Herbert, 177 Woodruff Ave., Bn.. P, EH 1-31-98 (9-4-07) (4-30-17)
 Lowd, Emma F., Bronxville, N. Y..... 1 A E (Ch), Ms; 2-6-02 (2-8-09)
 Lowther, Maria L. (Mrs.), 435 W. 119th,
 Mn. A Sp, JR; 10-9-16
 Lubin, Anna S. (Mrs.), 393 Edgecombe
 Ave., Mn. A Coml, JR; 11-3-13
 Luby, Grace P., 56 Lefferts Pl., Bn..... A L (Ch), Girls; 7-1-00
 Lucas, Hardin, 103 Quincy, Bn..... A E, Boys; 9-8-16
 Lucey, Anna M., 2538 Creston Ave., Mn.. A H, TR; 4-11-19
 Lucey, Michael H., Bay View Pl., Tomp-
 kinsville, S. I. P, JR; (10-9-99) 2-1-10 (6-13-17)
 Ludwig, Augustus, 889 St. Nicholas Ave.,
 Mn. A St Tp, Ms; (1-20-98) 4-9-17
 Luft, Harry L., 33 6th, N. Rockaway Park,
 L. I. A PT, FR; 10-14-18
 Lumley, Eleanor P., 381 Madison, Bn..... A L & Gr, Girls; 1-31-98
 Lundy, Edwin S., 532 5th, Bn..... A Coml, Bwk; (12-1-03) 11-3-13
 Lupton, Olive M., 189 Lefferts Pl., Bn..... A E, Girls; 9-5-13
 Luria, Max A., 505 W. 124th, Mn..... 1 A Sp (Ch), DWC; 10-1-14
 (2-2-20)
 Luther, Edith M., 505 6th, Bn..... A E, MT; 9-17-16
 Lyle, Edith K., 200 Columbia Heights, Bn.. A H, Girls; 9-9-07
 Lynch, Thomas F., 286 Windsor Pl., Bn... A E, Coml; 9-8-16

Mc

- McCardell, Wesley E., 15 Argyle Rd., Bn... A Mach Shop Pr, MT; (11-12-13)
 10-1-19
 McAuliffe, Anna, 154 E. 91st, Mn..... A C, Ntn; 9-1-96
 McBain, Mary M. (Mrs.), 820 W. 180th, Mn. A E, TR; 9-14-08
 McBride, Elinor M., 155 W. 82d, Mn..... A L, Wdl; (2-1-01) 3-6-01
 McCabe, John P. J., 132A Patchen Ave., Bn. A M, Boys; 2-3-19
 McCaffrey, Philip E., 115 Quincy, Bn..... A Acc & Bus Pr, Bwk; 4-1-19
 McCain, Blanche, 574 Belgrove Dr., Arling-
 ton, N. J. A Coml, (Co-ord), Haaren; 11-3-13
 McCain, Maude, 250 Riverside Dr., Mn.... A Coml (Co-ord), Haaren; 11-3-13
 McCall, Carlton C., 1323 74th, Bn..... A MD Art Metal Wk, MT; 2-5-06
 McCarthy, John D., 2296 Loring Pl., Bx.... A B, DWC; 2-1-10
 McCartney, Hoge, 1151 Dean, Bn..... A E, Boys; 9-11-11
 McCarty, Maria C., 40 Clinton, Bn..... A L, EH; 9-9-10
 McConnell, Marie F., 57 W. 59th, Mn..... A Mu, Jam; 11-5-06
 McConville, Lillian, 144 Madison, Bn..... A PT, Bwk; (12-3-06) 9-9-12
 McCormack, Christine, 307 E. 37th, Mn.... Cl A, JR; 10-14-18
 McCormack, John W., 1095 Boulevard E.,
 W. New York, N. J..... A P, Stv; 11-1-20
 McCormack, Joseph P., 1095 Boulevard C,
 W. New York, N. J..... A M, Stav; 9-11-14
 McCormick, Thomas, 156 William, East
 Orange, N. J. A M, HSC; 9-5-13
 McCrae, Anne, 308 W. 107th, Mn..... A D, DWC; 2-2-14
 McCreary, Elspeth M., Park Ave. Hotel, Mn. A E, WI; 2-19-17
 McCreary, Herbert J., 1077 E. 13th, Bn.... A M, MT; 3-22-07

McCullough, Mary (Mrs.), 135 Lefferts Pl., Bn.	A G, F, Girls; 7-1-96
McCutcheon, H. Louise, 374 Wadsworth Ave., Mn.	A F, WI; 2-3-13
McDermott, Annie, 110 W. 126th, Mn.	A St Tp, EvC; 9-12-04
McDermott, Thomas W., 206 Park Pl., Bn.	Cl A, MT; 2-1-18
McDonald, Genevieve A., 405 Prospect Ave., Bn.	A H, MT; (11-1-17) 4-1-19
McDonald, H. Rosabell, 2195 Andrews Pl. Bx.	A D, EvC; 9-11-14
McDonald, John J., 446 3d, Bn.	A E L, MT; (4-1-07) 2-1-10
McDonald, Milo F., 23 Randall Ave., Rockville Center, L. I.	P, Bwk; (10-16-01) 4-8-12 (9-8-20)
McDowell, Florence, 504 W. 112th, Mn.	A E, Wdl; 9-9-10
McFaul, Gregory B., 91 Quincy, Bn.	A Coml, Coml; 12-1-19
McGee, Anne F., 201 W. 60th, Mn.	Cl A, ED; 9-15-19
McGill, Beatrice S. (Mrs.), 428 E. 17th, Bn.	A F (Ch), EH; 9-10-00
McGill, Florence E., 225 W. 14th, Mn.	A Coml, JR; (2-1-07) 2-1-15
McGill, Franklin G., 432 Westminster Rd., Bn.	A L, EH; 10-1-10
McGill, James V., 846 Lafayette Ave., Bn.	A H, Bwk; 9-7-17
McGinn, Catherine A., 2110 62d, Bn.	A E, GComl; 2-1-15
McGivney, Virginia E., 917 West End Ave., Mn.	A St Tp, JR; 2-3-19
McGlue, Anna M., 2619 Bedford Ave., Bn.	A PT, EH; 5-3-19
McIntyre, Edith A., 350 W. 55th, Mn.	A Cooking, Bry; (3-1-04) 2-6-08
McKay, Jennie K., 88 Prescott Ave., Mn.	A Sp, EvC; 2-1-18
McKee, Joseph V., 890 E. 176th, Bx.	A E, DWC; 10-1-14
McKee, Louise, 205 Park Pl., Bn.	A St Tp, Girls; (4-1-08) 11-3-13
McKechnie, Elizabeth M., 1164 Pacific, Bn.	A Cl, EH; 2-1-12
McKelvy, Esther A., 804 Park Pl., Bn.	A E, Coml; 2-15-18
McKenna, Charles J., 22 St. Charles Pl., Bn.	A St Tp, Coml (12-4-11) 4-15-15
McKenna, Mary, 155 W. 91st, Mn.	A M, WI; 11-3-10
McKinney, May, 640 Academy, Astoria, L. I.	A L, Ntn; 2-3-13
McKnight, Elizabeth B., 260 75th, Bn.	Lib A, BR; 9-11-14
McLachlan, William, So. Norwalk, Conn.	A Foundry, Stv; 11-1-20
McLaury, Mabel (Mrs.), 148 Steuben, Bn.	A E, GComl; 3-15-20
McMahon, Grace A., 135 Hamilton Pl., Mn.	A Coml, WI; (3-1-12) 3-3-19
McMahon, Kathryn, 1111 Carroll, Bn.	A PT, Ntn; 10-7-07
McMahon, M. Mabel, 1 W. 64th, Mn.	A L, Bry; 2-1-87
McMillen, Eleanor, 1 W. 101st, Mn.	A PT, JR; (2-1-06) 10-15-14
McMillen, Florence, 1 W. 101st, Mn.	A M, Stv; 10-2-11
McMillen, Harlow, 1647 Richmond Trnpke., West New Brighton, S. I.	A P, Curtis, 1-16-99
McNally, Edward, Lynbrook, L. I.	A E, Coml; 10-16-99
McNamara, Edward J., 1809 Ave. O., Bn.	1 A St Tp (Ch), GComl; 10-1-09 (9-9-14)
McNamara, Sylvester J., 1218 Carroll, Bn.	A St Tp, Coml; 10-1-06
McNeill, John F., 242 Rugby Rd., Bn.	A E, HSC; 10-1-17
McQuade, Regina F., 3603 Broadway, Mn.	A Coml Br, EvC; (11-1-10) 9-11-16
McQuade, Rose M., 370 Convent Ave., Mn.	A M, WI; 2-2-14
McQuilland, George T., 63 Avondale, Brooklyn Manor, Queens, L. I.	A H, Ms; (2-3-02) 3-15-20
McSherry, Lawrence J.	A Mac Shop Pr, MT; (4-9-17), 3-1-21
McTiernan, Thomas, 436 W. 58th, Mn.	A El, DWC; 3-1-12

M

Maby, Amelia H. (Mrs.), 4381 Ridgewood Ave., Richmond Hill, L. I.	A L, MT; (9-11-08) 9-8-16
MacColl, Grace B., 358 Parkside Ave., Bn.	A H, EH; 10-1-09
MacGoll, Robert J., 1322 Ave. I, Bn.	A M, MT; 9-13-13
MacGregor, Isabel M., 102 Mamaroneck Ave., White Plains, N. Y.	A H, EvC; 3-1-20
MacGregory, Charles C., 550 E. 9th, Bn.	A MD (Ch), Coml; 9-12-04
Machlowitz, Joseph, 112 Alexander Ave., Arverne, L. I.	A Coml, NU; 9-6-18
Mackby, Julius C., 427 St. Johns Pl., Bn.	A MD, MT; (10-21-01) 4-2-09
Mackay, Catharine B., 7 Chicago, Elmhurst, L. I.	Cl A, Ntn; 2-1-12
Mackay, Christine A., 7 Chicago, Elmhurst, L. I.	A St Tp, Ntn; (4-3-11) 2-5-17

Mackay, David L., 1492 University Ave., Mn.	A M, BR; 10-2-11
Mackey Arthur J., 247 74th, Bn.	A Coml (Co-ord), Haaren; (11-2-03) 9-5-13
Mac Laren, Donald C., 5 W. 82d, Mn.	A M, DWC; 9-11-99
MacLaughlin, Helene S., 49 Hillside Ave. Flushing, L. I.	A PT, RH; 11-3-13
MacLean, Donald C., 738 E. 22d, Bn.	A M, EH; (11-1-06) 9-1-10
MacNamara, Elizabeth, 570 Pacific, Bn.	A El, EH; (4-1-07) 2-3-19
MacVay, Anna Pearl, 7 W. 49th, Mn.	1 A (Adm) Class Lang, Wdl; 2-7-00 (9-1-14)
Madden, Marie R., 211 Clinton, Bn.	A H, EH; 2-16-20
Maeder, Emily L., 123 W. 121st, Mn.	A Cooking, JR; (9-10-06) 9-5-13
Mageworth, J. Otis, 181 Park Pl., Bn.	A E G, MT; (9-15-99) 9-10-06
Maginn, Elizabeth M., 117 Montague, Bn.	A F, MT; 3-6-07
Magrane, Mary E. (Mrs.), 147 W. 105, Mn.	A Dom Art (Ch), Ms; (10-1-07) 12-1-19
Maher, Adelaide E., 18 S. 12th, Mt. Vernon, N. Y.	A St Tp, JR; (4-13-14) 2-3-19
Maher, Margaret J., 478 W. 159th, Mn.	A St Tp, TR; (11-3-13) 10-1-19
Mahnken, Florence V., 30 Victor Pl., Elmhurst, L. I.	A B, WI; (9-5-13) 11-14-18
Maier, Augustus, 499 Washington Ave., Bn.	A PT, Coml; (12-2-07) 5-3-09
Main, Hugh D. M., Scarsdale, N. Y.	A FHD, EvC; (11-1-04) 2-2-20
Male, Roy R., 3813 Ave. I., Bn.	A Coml (Ch), Coml; (3-2-05) 9-5-13
Malloy, John F., 71 E. 123d, Mn.	A PT, Curtis; 11-1-20
Malone, M. Agnes, 450 St. Nicholas Ave., Mn.	A PT, WI; 9-11-14
Maloney, Katherine E., 24 W. 95th, Mn.	A D, JR; (12-1-08) 2-2-14
Manahan, Mary G., 34 Jefferson Ave., Bn.	A D, ED; 2-9-10
Mandel, Benjamin, 298 E. 4th, Mn.	A St Tp, JR; (9-8-11) 9-9-19
Mandel Bertha E., Forest Hills, L. I.	A E, ED; (11-1-12) 6-28-16
Manfred, Maude E., 1356 Pacific, Bn.	1 A Mod Lang (Ch) RH; 2-16-09 (9-1-14)
Mangan, Mary de C., 555 Bedford Ave., Bn.	Cl A, MT; 4-1-19
Mangus, James, 14 Prospect Park S. W., Bn.	A P, MT; 5-1-18
Manguse, William P., 56 Bonnett Ave., Larchmont, N. Y.	A M, DWC; 9-10-00
Manheimer, Wallace A., 2028 Grand Concourse, Bx.	1 A PT (Ch), EvC; 9-12-10 2-2-20
Mankiewicz, Frank, 44 St. Mark's Pl., Bn.	A G, Stv; 2-2-14
Mann, Jacob, 1235 73d, Bn.	A L, Boys; 9-11-14
Mann, Mary Lee, 59 E. 86th, Mn.	A B TR; 6-28-16
Mann, Paul B., 2293 Sedgwick Ave., Bx.	1 A B (Ch), EvC; 9-12-04 (6-1-14)
Mantel, Herman E., 167 W. 29th, Mn.	A G, DWC; 9-9-12
Mantinband, Frank, 21 Bennett Ave., Mn.	A El, DWC; (11-1-12) 4-1-19
Marck, Sophie E., 33 30th Ave., Long Island City, L. I.	A St Tp, Bry; 11-3-19
Marcus, Evelyn B., 531 W. 124th, Mn.	A Coml, WI; 2-17-19
Margolies, Fred B., 462 15th, Bn.	Cl A, DWC; 10-2-5
Marin, Raphael	A Sp EvC; 4-5-20
Marine, Merle, 56 W. 68th, Mn.	A E, DWC; 10-9-16
Markett, Mark L., 665 W. 160th, Mn.	A St Tp, HSC; (4-1-03) 2-5-17
Marks, Ethel R., 225 W. 110th, Mn.	A M, EvC; 9-8-16
Marks, Harry M., 2048 63d, Bn.	A F, Stv; 2-2-20 (11-1-05) 2-2-20
Marks, E. Jeannette, 555 3d, Bn.	A PT, MT; 6-28-16
Marks, Lazarus E., 48 Stuyvesant, Mn.	A E, Stv; 2-3-13
Marks, William B., 151 Marion, Bn.	A PT, Stv; 10-17-18
Marley, Ruth J., 419 W. 119th, Mn.	A E, WI; 4-1-18
Marness, Louis, 511 8th Ave., Bn.	A H, Boys; (11-1-10) 9-10-20
Marquardt, Florence A., 369 8th, Bn.	A H, MT; 9-11-05
Mars, Helen H., 91 Winthrop, Bn.	A PT, JR; 2-8-15
Marsden, Nellie S. (Mrs.), 97 Columbia Hts., Bn.	A B, EH; 3-16-08
Marshall, Adelaide, 166 W. 79th, Mn.	A E, WI; 2-1-11
Marshall, Agnes M., 25 Toledo, Elmhurst, L. I.	A E, Ntn; 2-3-13
Marston, Charles W., 25 S. Hillside, Glen Ridge, N. J.	A M (Adm), Stv; 2-1-03
Marston, James P., 345 E. 15th, Mn.	A E, Stv; 2-1-11
Martin, Florence L., 26 7th Ave., Bn.	A B (Ch), NU; 9-8-16
Martin, Harriet G., 116 E. 59th, Mn.	A E, Wdl; 11-1-10
Martin, Paul, Jr., 276A Quincy, Bn.	A Mu, Boys; (10-1-00) 6-23-09
Martinez, Mariela C., 307 W. 87th, Mn.	A Sp, JR; 11-1-20

Martini, Anna V. (Mrs.), 14 W. 127th, Mn.	A St Tp, TR; 2-1-15
Marty, Sara M., 37 Linden Ave., Irvington, N. J.	A H, Wdl; 9-10-20
Marvin, Robert B., 826 Marcy Ave., Bn....	1 A Mod Lang (Ch), Coml; 2-1-06 (2-8-09)
Maschmedt, Marie, 72 Hanover, Elmhurst, L. I.	A G, Jam; 10-15-14
Mason, Appleton A., 2545 Valentine Ave., Bx.	A PT, Stv; 2-1-15
Mason, Lucius J., 47 W. 58th, Mn.....	A B, DWC; 2-3-02
Massonneau, Robert L., Jr., 12 E. 19th, Bn.	Cl A, MT; 2-1-02
Masters, Raymond W., Ramsey, N. J.....	A H, HSC; 12-12-18
Mastin, Florence J., 358 Parkside Ave., Bn.	A E, EH; 9-9-10
Mattes, Max H., 288 Gates Ave., Bn.....	A M, Girls; 9-9-10
Matthews, Archibald, 63 Brookdale Ave., New Rochelle, N. Y.	A E, Ms; 4-21-02
Mattuck, Jacob A., 466 Argyle Rd., Bn....	A C, MT; 9-9-12
Max, William D., 208 Sterling Pl., Bn....	A Ec, Coml; 12-1-20
Maxwell, Rose de C., 301 Sterling Pl., Bn.	A El, Boys; 2-1-21
May, Alfred A., 302 W. 22d, Mn.....	A E, HSC; 9-9-12
Mayforth, Valentine, Grand View, N. Y....	A C, DWC; (6-28-16) 2-2-20
Mayman, J. Edward, 914 E. Parkway, Bn..	A Cv, EH; (11-1-07) 9-10-20
Maynard, Ernest A., 17 Union Park Ave., Jamaica, L. I.	A P, Jam; 9-10-06
Mazzoranna, Adele (Mrs.), 2326 Ryder Ave., Bx.	A Sp, EvC; 3-15-20
Meade, Mary E., 264 Serpentine Rd, Tomp- kinsville, S. I.	A H Curtis; 11-1-20
Mechler, Walt H., 82 Seaman Ave., Bx....	A St, HSC; 2-5-17
Medalie, Carrie K., 51 E. 129th, Mn.....	A L, BR; 5-3-06
Meehan, William, 9130 116th, Richmond Hill, L. I.	A Coml, RH; 9-9-07
Mehling, Jacob P., 141 Park Ave., Jamaica, L. I.	A Coml, Ntn; 9-7-17
Mehrtens, Henry E., 115 Sickles Ave., New Rochelle, N. Y.	A Joinery, Stv; (12-7-98) 2-2-10
Meigs, Katherine H., 20 Jefferson Ave., Bn.	A B, ED; 9-9-07
Meleney, Clarence E., 509 E. 16th St., Bn...	Assoc Supt, BofE; (7-1-96) (1-14-03)
Melson, George W., 22 West 23d, Mn....	A St Tp, Coml; 2-8-09
Melvin, Floyd J., 348 New York Ave., Bn..	A E, Coml; (2-1-04) 9-14-08
Mendel, Martin, 1176 President, Bn.....	A C, Jam; 2-2-20
Mendell, Rose, 708 Bushwick Ave., Bn....	A PT, WI; (2-5-17) 11-3-19
Mendenhall, Raymond E., 29 E. Park, Newark, N. J.....	A Ec, HSC; 2-14-21
Meneely, John H., 515 4th, Bn.....	A E, MT; 9-14-03
Mercado, Julio, 284 Manor Ave., Wood- haven, L. I.	A E, Coml; 9-5-13
Merchant, Isabel L., Scarsdale, N. Y.....	A B, EvC; 2-1-06
Merchant, Manton E., 220 E. 18th St., Bn.	A D, EH; 9-9-01
Merkert, Marie M., 736 Macon, Bn.....	A Mu (Ch), GComl; 4-19-20
Merrill, Katharine S., 1515 Mott Ave., Far Rockaway, L. I.	A E, FR; 9-11-16
Mersereau, Samuel F., Bloomfield, N. J....	A Wood Trng & Pattern Mkg, Bwk; 9-10-06
Meserve, Elizabeth E., 20 High, Glen Ridge, N. J.	A B, Wdl; 2-6-03
Meserve, Martha C., 513 5th, Bn.....	A E, MT; 9-9-07
Messenger, John, The Inn, Forest Hills, L. I.	A D (Trng Sc), Boys; 9-1-09
Messenger, Leslie A., 103 Woolsey, Astoria, L. I.	A Joinery, Ntn; (9-14-05) 3-1-11
Meyenberg, Amelia, 204 W. 94th, Mn....	A St Tp, WI; 9-11-05
Meyer, Anna, 2779 Bainbridge Ave., Bx....	A E, Ms; (2-1-10) 9-5-19
Meyer, Anna, 2459 Davidson Ave., Mn....	A St Tp, TR; 2-1-16
Meyer, E. Pennington, 66 Post Ave., Mn..	A H, GW; (9-8-16) 2-3-19
Meyer, Hans C., 73 Herriman Ave., Jamaica, L. I.	A Arch D, Stv; (4-9-17) 2-1-18
Meyer, Irma D., 57 E. 75th, Mn.....	Lab A B, Ms; 4-1-19
Meyer, Joseph H., 235 E. 79th, Mn.....	A M, Stv; (9-15-99) 4-1-19
Meyers, David F., 47 Ft. Washington Ave., Mn.	A E, Ms; (10-3-04) 9-11-10
Meyers, Marjorie B. (Mrs.), 637 St. Marks Ave., Bn.	A E, Girls; 9-10-20
Meyrowitz, Isadore, 260 Clarence Ave., Ar- verne, L. I.	A Acc & Bus Pr, FR; 11-6-19
Middleton, Florence, 366 St. Nicholas Ave., Mn.	A B, Wdl; 2-1-04

- Miklowitz, Harry, 149 Manhattan Ave., Mn.
 Miles, Dudley H., 70 Morningside Dr., Mn.
 Miller, Adelaide, 391 McDonough, Bn.....
 Miller, Charles, 680 Bedford Ave., Bn.....
 Miller, Charles A., 2698 Creston Ave., Bx.
 Miller, Frank H., 9 Bullard Pl., Flushing,
 L. I.
 Miller, Isabel, 853 Cauldwell Ave., Bx.....
 Miller, Marjorie B., 189 Sterling Pl., Bn..
 Miller, Maud, 2126 Albemarle Rd., Bn.....
 Miller, Maude, 405 W. 118th, Mn.....
 Miller, Myrtle H., 582 E. 165th, Bx.....
 Miller, Rose S. (Mrs.), 56 E. 87, Mn.....
 Miller, William L., 1221 Forest Ave. West
 New Brighton, S. I.
 Mills, Emily W., 161 Emerson Pl., Bn.....
 Mills, Joseph S., 572 Van Cortland Park
 Ave., Yonkers, N. Y.....
 Millsbaugh, Harry W., 25 Greenvale Ave.,
 Yonkers, N. Y.
 Miner, Clarence E., 921 St. Nicholas Ave.,
 Mn.
 Minnick, John D., 418 W. 118th, Mn.....
 Minor, Marie L., 7 E. 54th, Mn.....
 Mintzer, Joseph, 66 Stanton, Mn.....
 Mix, R. Grace, 7211 Ridge Blvd., Bn.....
 Model, Charles, 427 Knickerbocker Ave. Bn.
 Moersburger, Grace L. (Mrs.), 1982 Univer-
 sity Ave., Bx.....
 Moffett, John D., 859 E. Parkway, Bn.....
 Mohan, Lucy F., 401 Macon, Bn.....
 Molwitz, Ernestine J., 88 E. 165th, Bx.....
 Monro, Kate M., 5 Cliff Way, Larchmont,
 N. Y.
 Montross, Charles G., 25 Mountainview
 Ave., Orange, N. J.....
 Mooney, Lawrence, 2117 Chatterton Ave., Bx.
 Moore, George P., 723 St. Nicholas Ave.,
 Mn.
 Moore, Henry C., 1755 46th, Bn.....
 Moore, Sabra M., 101 Halsey St., Bn.....
 Moorhead, Phyllis L., 320 St. Nicholas Ave.,
 Mn.
 Morales, Maria T., 3810 Broadway, Mn.....
 Moran, Marion F., 228 E. 68th, Mn.....
 Morgan, Gwilym S., 1042 Bloomfield, Hobo-
 ken, N. J.
 Moritz Mercedes L., 446 E. 139th, Bx....
 Morrell, Henry B., 203 Fenimore, Bn.....
 Morrey, William T., 362 Riverside Dr., Mn.
 A PT, DWC; 10-14-18
 1 A E (Ch), EvC; 9-11-11 (9-9-14)
 Cl A, Boys; (4-24-18) 10-1-20
 A Coml, Bwk; (2-2-03) 2-1-11
 1 A PSc (Ch Physiol), Ms; 10-14-03
 (2-5-17)
 1 A H & Cv (Ch), Flg; 9-9-01
 (9-4-07)
 A PT, Girls; 11-1-17
 A E, Girls; 9-10-06
 A M, Girls; 9-16-07
 A G, GW; 2-8-09
 A M, Ms; 9-12-98
 Cl A, JR; 11-1-17
 A E, Stv; (10-3-04) 2-1-15
 A E, Bwk; 11-3-13
 1 A P Sc (Ch C), HSC; 2-2-03
 (1-1-12)
 A Mu (Ch), HSC; (11-9-98) 9-8-16
 A H, Wdl; 2-10-20
 Adm A M, HSC; 3-1-04
 A B, Wdl; 9-12-97
 A Sp, HSC; 9-10-20
 A E, BR; 9-11-16
 1 A PT (Ch), ED; 2-1-11 (9-8-20)
 A Mu (Ch), EvC; (4-1-97) 2-3-13
 A E, Coml; (12-2-01) 2-1-18
 A E (Chg An), Bwk; (9-12-04)
 9-9-10
 A G, GW; (12-1-02) 2-1-06
 A E, TR; 2-16-14
 A Sp, HSC; 5-8-11
 1 A Mu, WI; 3-2-08 (2-2-20)
 A Cv, Bwk; 11-1-20
 A E, EH; (12-19-98) 2-1-21
 A E, EH; 9-12-98
 A E, JR; 2-2-20
 A Sp, HSC; 3-7-20
 A H, EvC; 4-1-19
 A M, DWC; 9-12-98
 A Cv, Ms; 4-5-19
 A G, MT; (3-12-06) 9-9-10
 1 A H (Chg An), Bwk; 9-12-98
 (10-1-12)
 A St Tp, BR; 10-1-19
 A F, BR; 2-3-13
 A PT, BR; 2-9-14
 A Mu, GW; 9-28-16
 A Mu (Ch), BR; (2-7-00) 3-1-12
 A E, EvC; 2-5-17
 A PT (Ch), Curtis; 2-8-18
 A P, Ntn; (3-1-12) 10-1-12
 A B, WI; 10-20-14
 A PT (Ch), WI; (11-2-03) 9-9-10
 A E, Wdl; 9-22-08
 A D (Ch), TR; (9-14-03) 9-10-06
 1 A H (Ch Cv), JR; 10-7-07
 (11-3-19)
 A F, JR; (4-1-99) 4-2-00
 A M, NU; (2-3-13) 10-1-19
 A M (Adm), Boys; 6-28-16
 A Coml, Coml; (4-4-04) 9-8-16

Moulton, Frances, 400 Manhattan Ave., Mn.	A PT (Ch), Wdl; 9-11-99
Moyer, Fayette E., 87 Grove, Montclair, N. J.	1 A H (Ch), DWC; 2-2-03 (6-1-14)
Mulcahy, Mary A., 1105 Amsterdam Ave., Mn.	A St Tp, JR; 9-5-13
Mueller, Ernest G., 2445 Valentine Ave., Bx.	A G, MT; (9-11-01) 3-1-05
Mulholland, James V., 447 W. 47th, Mn.	A PT, HSC; 9-10-20
Mullen, Loring B., 917 Rug'ry Rd., Bn.	1 A M (Ch), Girls; 9-10-00 (1-1-07)
Mullen, Rosemary F., 420 E. 84th, Mn.	1 A B (Ch), WI; 2-1-09
Muller, Ada H., 617 W. 143d, Mn.	A E, Ms; 9-9-10
Muller, Catharine M., 1408 Madison Ave., Mn.	A FHD, ED; 9-30-20
Muller, Theodore, 543 W. 146th, Mn.	A B, HSC; 9-10-20
Muller, Walter J., 8518 105th St., Richmond Hill, L. I.	A S, Boys; 2-3-19
Mullin, Mary V., 318 W. 117th, Mn.	Cl A, DWC; 11-18-18
Mulligan, Mary C., 1242 Dean, Bn.	A Mu, EH; (2-7-00) 4-1-10
Munger, Ethel T., 7211 Ridge Blvd., Bn.	A D, BR; 9-7-17
Munger, Van Vechten, 7211 Ridge Blvd., Bn.	A C, Coml; 10-2-16 (10-3-19)
Munroe, Harry K., 54 Woolsey, L. I. City, L. I.	1 A E (Ch), Bry; 2-2-03 (9-4-07)
Munson, Daniel G., 1052 Lincoln Pl., Bn.	A E, Boys; 2-3-99
Murphy, Alice, 221 W. 121st, Mn.	A E, Wdl; 9-1-19
Murphy, Edith H., 1551 55th, Bn.	A E, BR; (3-1-12) 9-14-14
Murphy, Florence S., 126 Lincoln Pl., Bn.	A H E, BR; (12-1-08) 9-11-14
Murphy, George F., Plainfield, N. J.	A St Tp, WI; (12-1-04) 10-9-14
Murphy, Henrietta, 204 W. 114th, Mn.	A Cv, Flg; 4-7-98
Murphy, Margaret L., 148 Steuben, Bn.	A D, MT; (10-3-04) 9-9-10
Murphy, Marie E., 515 W. 134, Mn.	A H, Boys; (9-5-13) 2-1-21
Murphy, Thomas P., 145 Amity, Bn.	A Cv, DWC; (9-7-06) 10-1-19
Murphy, Virginia	A D, GW; 10-2-16
Murray, Isabelle M. (Mrs.), 230 S. 2nd Ave., Mt. Vernon, N. Y.	A D EvC; 4-23-20
Murray, Jennie E., 2053 7th Ave., Mn.	A D, GW; 10-2-16
Murray, Jennie E., 220 W. 132d, Mn.	A El, Wdl; 9-9-12
Mussacaus, Marie G., 414 W. 121st, Mn.	A F, Wdl; 9-11-14
Mussey, Dela P., 672 St. Nicholas Ave., Mn.	A D (Ch), Ms; 9-12-97
Myers, Willard L., 258 Degraw Ave., Jamaica, L. I.	A E, ED; 9-9-07

N

Nachemov, Morris, 1451 Prospect Ave., Bn.	Cl A, DWC; 9-5-17
Nahon, Zari'a, 108 W. 11th, Mn.	A F, DWC; 2-2-14
Nammack, Elizabeth F., 110 Morningside Dr., Mn.	A L, Wdl; 9-12-98
Nanes, Philip, 473 Hancock, Bn.	A H (Ch), Bwk; (4-2-07) 2-1-11
Nearing, Elena P., 171 Union, Flushing, L. I.	A M (Ch), Flg; 9-10-06
Neidlinger, William, 225 W. 99th, Mn.	A Mu, WI; (4-1-10) 9-9-12
Neiswender, Ada B. C., 809 Ocean Ave., Bn.	A L, EH; 9-16-07
Nelson, Hazel W., 474 Halsey, Bn.	A E, ED; 9-8-15
Nelson, Willard B., 511 2d, Bn.	1 A PSc (Ch), MT; 9-1-99 (9-8-20)
Neuman, Libby, 151 W. 117th, Mn.	A G, A Sp, WI; 9-11-14
Neumann, Joshua H., 288 Ryerson, Bn.	A E, Boys; 9-11-16
Neumarker, John G., 446 62d, Bn.	A G, Stv; 11-1-10
Nevins, Dora R., 116 Hawthorne, Bn.	A M, MT; 9-11-05
Nevins, Nannie R., 116 Hawthorne, Bn.	A St Tp, Bwk; 3-13-13
Newcomb, Florence A., 225 W. 3d, Mn.	A D, WI; 9-12-10
Newcomer, Harvey, 14 Lattin Dr., Yonkers, N. Y.	1 A P Sc (Ch), Bwk; 9-11-03 (1-2-17)
Newman, Charles, 958 Prospect Ave., Bx.	A H, DWC; (2-3-02) 9-14-08
Newman, Henry J., 1121 West Farms Rd., Bx.	A St Tp, TR; 11-1-20
Newman, Joseph, 266 W. 139th, Bn.	A C, Coml; (4-6-98) 2-1-06
Nice, Madeline (Mrs.), 26 W. 97th, Mn.	A F, Ms; 2-2-14
Nichols, Clyde S., 4 Medina Pl., Elmhurst, L. I.	A Coml, Ntn; 4-3-13
Nichols, Eda L., Beverley Apts, New Brighton, S. I.	A El, Curtis; 3-15-09
Nichols, Newton D., 6 Compton Ter., Jamaica, L. I.	A M, RH; (11-1-07) 4-4-20
Nightingale, Eleanor M., 44 Morningside Dr., Mn.	1 A El (Ch), WI; 2-9-03 (10-1-19)

- Nightingale, Ida E., 44 Morningside Dr., Mn. A El, WI; 9-11-14
 Nightingale, Irene L., 210 Parkside Ave., Bn. A Sewg & Dress Mkg, EvC; (2-1-98) 9-10-20
 Noble, Helen G., 432 Hoboken Ave., Jersey City, N. J. A Sewg, Bry; 9-12-04
 Nolan, Grace, 335 Clinton, Bn. Cl A, WI; 2-1-12
 Noll, Anna, 80 W. 90th, Mn. A Cv, Wdl; (11-1-17) 2-2-20
 Noonan, Raymond L., 102 Oakland, Bn. A E, Coml; 9-6-18
 Norman, Gerald F., 53 Juniper, Flushing, L. I. A Joinery, Bry; (9-10-06) 9-5-19
 Norr, Henry I., 1893 Washington Ave., Bx. Adm A M. EvC; (4-1-03) 2-3-13
 Northrop, Cora E., 53 Irving Pl., Mn. A E, WI; (9-9-01) 9-14-03
 Norton, George W., 8425 112th, Richmond Hill, L. I. 1 A Mech Arts (Ch), Bwk; 2-1-05 (2-5-17)
 Noto, Rosa, 326 E. 15th, Mn. A Sp, BR; 2-1-18
 Nussey, Herbert V., 212 Kingston Ave., Bn. A E, EH; (4-13-14) 2-2-20
 Nurnberg, Maxwell, 1331 Clinton Ave., Bx. A E, DWC; 3-15-20
 Nye, Douglas D., 126 Riverside Dr., Mn. A Mu, Stv; 11-1-20

O

- Ober, Alice M., 15 E. 38th, Mn. A Cooking Girls; (11-1-07) 2-1-15
 Ober, William, 1291 Lexington Ave., Bn. A Cv, Stv; (11-1-12) 2-2-20
 O'Brien, Charlotte E., 55 E. 95th, Mn. A M. Curtis; (11-1-10) 9-5-13
 O'Brien, Eugenie M., 162 Hewes, Bn. Cl A, Bwk; 11-10-19
 O'Brien, Florence J., 171 E. 107th, Mn. Cl A, TR; 2-3-19
 O'Brien, Josephine G., 211 Jefferson Ave., Bn. A L, BR; (2-1-09) 9-8-16
 O'Brien, Katherine E., 607 W. 136th Mn. A Sp, DWC; 10-1-19
 O'Connell, Edward J., 216 Lincoln Rd., Bn. A PT, EH; (4-1-07) 9-10-20
 O'Connell, Eugenie, 354 E. 79th, Mn. Lab A B, EH; 2-5-17
 O'Connell, Genevieve A., 872 E. 164th Bx. A PT, EvC; (2-3-13) 11-1-17
 O'Connor, John P., 2436 Marion Ave., Bx. Cl A, DWC; 9-5-13
 O'Connor, Leona H. (Mrs.), 619 W. 179th, Mn. Cl A, TR; 2-3-19
 Odell, Louis S., 1827 E. 15th, Bn. Adm A M, MT; 9-11-05
 O'Donnell, Agnes T., 853 St. Nicholas Ave., Mn. A G, Ms; 2-3-13
 O'Donnell, J. Emmett, 86 72d, Bn. A E, MT; (1-31-02) 4-8-12
 O'Donnell, Marjorie V., 2870 Briggs Ave., Bedford Park, N. Y. Lib A, TR; 2-2-20
 O'Hara, Mary F., 1133 Park Ave., Mn. Cl A, JR; 10-14-18
 Ohl, Rosina, 115 Washington Pl., Mn. A Sp, Girls; 9-7-17
 O'Keefe, David H., 179 Marcy Ave., Bn. A St Tp, HSC; 10-1-06
 O'Keefe, Marion T., 41 Halsey, Bn. A E, MT; 11-3-19
 O'Leary, Alice R., 1229 Madison Ave., Mn. A PT, GComl; 5-3-20
 Ollendorf, Arnold O., 508 W. 42nd, Mn. Cl A, Stv; 9-8-20
 Oller, Marie, 400 W. 118th, Mn. A E, WI; 11-3-13
 Olsson, Nils W., 2233 Story Ave., Bx. A PT, TR; (9-8-16) 2-3-19
 O'Mahoney, John P., 461 73d, Bn. A H, MT; (3-1-10) 4-1-19
 O'Neil, M. Alice (Mrs.), 423 Hillside Ave., Jamaica, L. I. A Coml, Flg; 2-1-10
 O'Neill, Edith F., 409 Stuyvesant Ave., Bn. A Coml, WI; 4-8-12
 O'Neil, William R., 214 Hicks, Bn. A Sp, Boys; 9-12-10
 Opdycke, John B., 139 W. 72d, Mn. 1 A E (Ch), TR; 2-1-05 (9-5-13)
 Oppermann, Melvin C., 540 S. 6th Ave., Mt. Vernon, N. Y. A Cv, Wdl; (9-12-92) 11-3-19
 Orleans, Joseph B., 995 E. 173d, Bx. A L, GW; 9-8-16
 O'Rourke, Norine, 2253 Loring Pl., Bx. A D, EvC; (10-16-11) 2-1-18
 Orr, Ella J., 128 W. 13th, Mn. A St Tp, WI; 10-2-05
 O'Ryan, William P., 185 Kingston Ave., Bn. A St Tp, Coml; (5-16-01) 9-14-03
 Osborn, Ralph, 120 E. 86th, Mn. A B, DWC; 4-12-09
 Osborne, Louie H. (Mrs.), 120 E. 86th, Mn. A E, Wdl; (1-28-99) 2-8-99
 Osborne, Mabel E., 1159 Dean, Bn. A B, ED; 3-9-08
 Osgood, Charles R., 30 Circle Dr., Hastings-on-Hudson, N. Y. A Coml, GW; 9-14-08
 Osgood, Ellen L., 20 W. 10th, Mn. A H (Co-ord), Haaren; 9-14-14
 Ostrander, Agnes, 12 Woodruff Ave., Bn. A D, Curtis (3-17-96) 1-9-02
 Oswald, Frederick, 167 Sunnyside Ave., Bn. A F G, MT; 2-1-10
 O'Toole, Joseph H., 600 W. 179th, Mn. A Cv, Coml; (5-1-08) 9-10-20
 Otten, Henry D., 18 Chichester Ave., Jamaica, L. I. A Sp, Bwk; (3-4-12) 9-9-12

- Overholser, Charles E., 171 Kingston Ave., Bn. 1 A Mod Lang (Ch), Boys; 2-27-05 (9-11-11)
- Owens, Ethel I., 29 Hamilton Ave., Yonkers, N. Y. A FHD, EvC; 10-5-20
- Owens, J. Louise, Briarcliff Manor, N. Y. A H, Boys; (4-1-03) 9-6-18
- Owens, Lois, Briarcliff Manor, N. Y. A PT, WI; (11-1-05) 5-3-20

P

- Pabst, Grace, 127 E. 95th, Mn. A Cv, EvC; 2-2-20
- Padve, Meyer, 618 W. 187, Mn. A Cv, GComI; (1-2-12) 2-1-21
- Page, Donald T., Wood-Cliff-on-Hudson, N. J. A M, Stv; 10-1-12
- Paget, Frances, 2059 Davidson Ave., Bx. A F, Ms; 9-11-14
- Paine, Frederick H., 185 Gates Ave., Bn. 1 A H (Ch), ED; 2-1-00 (9-12-04)
- Palmer, Caroline B., 544 W. 157th, Mn. A PT, JR; 9-11-11
- Palmer, Leonard L., 545 W. 158th, Mn. A PT, DWC; 9-15-16
- Palmer, Mabel B., 16 Monroe, Flushing, L. I. A Sewg & Dress Mkg, Flg; (9-8-05) 9-8-16
- Palmer, May T., 171 Union, Flushing, L. I. A M, Flg; 2-1-10
- Panuska, Frank C., 321 E. 77th, Mn. A MD, Stv; 2-2-20
- Parelhoff, Bernard M., 559 W. 191, Mn. A M, DWC; 2-9-10
- Parker, Isabel C. (Mrs.), 45 Madison Ave., Mn. Cl A, WI; 9-5-17
- Parker, Jacob, 566 W. 162d, Mn. A PT, Ms; 9-11-99
- Parker, Margaret B., 1 W. 127th, Mn. A D, Ms; 2-1-11 (4-13-03)
- Parker, S. Ridley, 28 Ormond Pl., Bn. Lib A, Boys; 11-1-05
- Parmelee, William J., Jr., 121 25th, Elmhurst, L. I. A B, DWC; 10-1-10
- Parrott, Alfred F., Plandome, L. I. A F, Stv; 2-1-06
- Parsons, Edward B., 488 Macon, Bn. 1 A M (Adm), Boys; 7-1-93 (9-14-96)
- Parsons, Herbert H., 488 Macon, Bn. A H, Boys; 2-10-98
- Parsons, Sidney T., 11 McDonough, Bn. A PT, Girls; (4-1-08) 11-1-17
- Partridge, Edith J., 304½ Claremont Ave., Bn. A FHD, MT; 10-4-20
- Partridge, Marie N., 136 Park Pl., Bn. A PT, ED; 11-12-17
- Pascal, Rose L. (Mrs.) A G, JR; 9-11-14
- Pasner, Samuel D., 250 Henry, Bn. A Sp, Haaren; 2-1-21
- Pasternak, Jessie, 109 Montague, Bn. A B, Boys; 10-1-14
- Pasternak, Nathaniel, 109 Montague, Bn. A M D, MT; (11-1-98) 2-1-06
- Patterson, George W., Jackson Ave., Queens, L. I. A M, Stv; (2-1-10) 9-6-18
- Patterson, Mabel L., 20 St. James Pl., Bn. Cl A, Girls; 4-1-02
- Patterson, William A., 359 Lenox Ave., Mn. A H, HSC; 2-5-17
- Paucek, George, 338 E. 70th, Mn. Lab A, P, C, Boys; 2-1-18
- Paul, Francis H. J., 35 Bow, Forest Hills, L. I. P, DWC; (5-18-98) 8-1-14
- Payant, Felix, 316 W. 58th, Mn. A D, HSC; 10-14-19
- Payne, Frank O., 1819 Dorchester Rd., Bn. 1 A B (Ch), HSC; 9-1-97 (10-15-14)
- Payne, Jennie C., 90 Maurice Ave., Elmhurst, L. I. A PT, Ntn; (11-1-06) 11-2-14
- Peabody, James E., Carhart Ave., White Plains, N. Y. 1 A B (Ch), Ms; 9-12-97 (9-1-03)
- Peabody, Susan P., 177 Woodruff Ave., Bn. A L, EH; 10-19-94
- Peavy, Evelyn, 303 Greene Ave., Bn. Lab A, P, C, Bwk; 2-2-20
- Peck, Emily S., 515 Clinton Ave., Bn. A E, MT; (11-1-07) 9-9-10
- Pendelton, Margaret, 111 W. 190, Bx. A E, GW; 9-5-19
- Penhollow, Harry B., 122 W. 114th, Mn. Adm A M, DWC; 9-10-00
- Pennock, Emma B. (Mrs.), 65 Hanover, Elmhurst, L. I. A Sp, Ntn; 2-18-19
- Percy, Harriet C., 27 Washington Sq. N., Mn. A E, WI; 6-28-16
- Perkins, Deborah (Mrs.), 1035 Anderson Ave., Bx. A St Tp, Ms; 9-9-12
- Perkins, Fannie D., 537 1st, Bn. A Cooking, Girls; (6-3-01) 12-4-05
- Perkins, Lynn F., 10th Ave. and 59th, Mn. A Ec, DWC; 9-10-20
- Perkins, Helen L., 537 1st, Bn. A S, EH; 9-9-01
- Perrine, Frederick J., Crestwood, N. Y. A E, DWC; (10-9-99) 9-6-18
- Perry, Edward O., Claremont and Walworth Aves., Hartsdale, N. Y. 1 A Mod Lang (Ch), GW; 5-15-11 (2-5-17)
- Perry, Mabel L., 171 Union, Flushing, L. I. A St Tp, RH; (12-1-03) 9-4-12
- Perry, Orolí R., 163A Halsey, Bn. A Dom Sc, Ntn; (3-2-04) 2-1-13

- Peters, Frederick A., Holbrook, N. J..... A Sp G, MT; (2-3-02) 3-2-03
 Peters, Lucy E., 123 Horton, Elmhurst, L. I. CI A, Bry; (6-2-19) 11-1-20
 Peterson, A. Everett, 42 W. Fordham Rd., Bx. A H & Cv (Ch), EvC; 11-1-07
 Peterson, Dorothy R., 380 Monroe, Bn.... A Sp, Bwk; 3-15-20
 Petrie, Jean D., 435 W. 123d, Mn..... A PT, Wdl; (4-21-03) 9-14-00
 Philip, Mary I., 249 St. Marks Pl., New Brighton, S. I. A E, Curtis; (11-2-03) 2-4-07
 Phillips, Anna L., 34 Jefferson Ave., Bn... A M (Chg An), ED; (9-7-85) 9-10-00
 Phillips, Julia Tracy, 4407 6th Ave., Bn.... Lib A, Curtis; 9-9-07
 Phillips, Sara J., 4407 6th Ave., Bn..... A E, BR; 2-14-01
 Phillips, Sidney D., 70 Post Ave., Mn..... A Cv H, Stv; (2-1-19) 2-2-20
 Pichel, Margeret, 600 W. 183d, Mn..... A M, HSC; (4-3-11) 2-2-14
 Pick, Thekla, 41 E. 72d, Mn..... A G, WI; (11-12-14) 2-1-15
 Pickens, Lila, 514 W. 114th, Mn..... A El, GW; (9-1-97) 3-3-19
 Pickens, Rose K., 309 E. 57th, Mn..... A St, DWC; 3-2-14
 Pickman, Marie A., 494 W. 158th, Mn.... A St Tp, TR; (9-10-09) 10-1-19
 Pierce, Alice R., 53 Washington Sq., Mn... A E, Stv; 9-11-11
 Pinard, Amelia P., 1350 Fulton Ave., Bx... A F, Ms; (9-12-04) 9-8-16
 Pinch, Minnie A., 132 Cambridge Pl., Bn... A L, ED; 9-1-01
 Pincus, Max, 1244 Grand Concourse, Bx... A PT, HSC; 5-23-18
 Pingrey, Cora E. (Mrs.), 152 S. 1st Ave., Mt. Vernon, N. Y..... A B, EvC; 9-10-00
 Pintler, Harlette A., 80 Edgecomb Ave., Mn. A B, WI; (4-3-11) 2-2-14
 Pittaro, John M., 1614 Van Buren, Bn.... A Sp, Stv; 9-8-16
 Platt, Emile L., 52 Hinckley Pl., Bn..... A B, EH; (10-1-02) 9-11-14
 Pohl, Frederick J., 359 Halsey, Bn..... A E, Boys; 9-10-17
 Pokorny, Rudolph C., Tenafly, N. J..... A M, DWC; (9-21-97) 2-1-07
 Polk, Ellery C., 1095 Prospect Pl., Bn.... A H, Coml; 3-1-10
 Pond, Harriet, 136 Irving, Jersey City, N. J. A Cooking, WI; (10-20-97) 3-1-11
 Pond, Pearl F., 161 Emerson Pl., Bn..... A D, Gcoml; (9-12-98) 2-8-09
 Pons, Catherine Archer, 176 E. 78th, Mn... Lab A, WI; 9-1-14
 Pope, Seth E., 810 Washington Ave., Bn... Lib A, Boys; 4-8-12
 Potter, Harry A., 518 68th, Bn..... P, NU; 2-1-00 (1-25-12)
 Potter, Marion E., 519 W. 121st, Mn..... A Sp, WI; 2-1-18
 Potter, Mary G., 39 W. 60th, Mn..... A PT, Wdl; (9-14-08) 4-8-12
 Poutasse, Louis P., 312 W. 109th, Mn.... A Coml, HSC; 9-5-19
 Powers, Florence M., 56 Macon, Bn..... A E, BR; (11-1-06) 9-10-20
 Powers, Minnie M., 1236 Union, Bn..... A M (Ch), Ntn; 9-1-95
 Pownall, Edythe M., 545 W. 148th, Mn.... A E, WI; (4-2-07) 2-4-10
 Pratt, Elizabeth F. (Mrs.), 151 Chestnut, Rutherford, N. J..... A F, WI; 2-3-19
 Pratt, Marion, 112 Stuyvesant Pl., New Brighton, S. I. A L (Ch), Curtis; 9-16-07
 Pratt, Winifred, 296 Lafayette Ave., Bn... A D, WI; (9-19-05) 4-8-12
 Prescott, Lucy M., 1123 Bayport Pl., Far Rockaway, L. I..... 1 A Class Lang (Ch), FR; 9-14-08 (9-1-14)
 Preston, Helen G., 20 Ketcham Pl., Elmhurst, L. I..... A H (Ch), Ntn; 9-9-10
 Price, Anna G., 145 Greenway, So. Forest Hills, L. I. A D, Bry; (9-9-01) 4-1-08
 Price, Isaac, 72 E. 96th, Mn..... A St Tp, WI; (4-1-03) 9-11-14
 Primoff, Walter, 1410 Columbus, Far Rockaway, L. I..... A Coml, Bwk; (12-3-06) 2-1-18
 Procter, Harriet D., 1320 Fulton Ave., Bx. A G, Sp, Ms; 9-11-14
 Proctor, Robert H., 80 Decatur, Bn..... A E, Coml; 9-10-06
 Proper, Emberson E., 478 Washington Ave., Bn. 1 AH & Cv (Ch H), BR; 2-10-08 (10-1-12)
 Puig, Louise M., 1270 Carroll, Bn..... A H, MT; 10-1-03
 Pugh, Alexander L., Pomona, N. Y..... 1 A Coml (Ch Ec), HSC; 2-1-06 (2-8-09)
 Pulvermacher, Dolores, 719 W. 180th, Mn.. A PT, GW; (9-11-08) 11-3-13
 Pulvermacher, William Dean, 283 Sanford Ave., Flushing, L. I..... A B, Flg; (10-22-01) 2-3-13
 Puorro, Michael, 36 Van Eicken Ave., Floral Park, L. I. A B, Coml; 2-9-10
 Purcell, Reuben R., 99 Vanderbilt Ave., Floral Park, L. I. A D (Ch), Boys; (9-19-10) 9-10-16
 Putnam, Edith C., 87 Columbia Heights, Bn. A E, Bwk; 9-11-14
 Putnoi, Ezra, 269 E. 194th, Bx..... A Joinery, MT; (9-9-07) 9-5-19
 Putz, Edward H., 152 E. 80th, Mn..... A Coml, BR; 9-9-12
 Pyle, Willard R., 125 Franklin Ave., Mt. Vernon, N. Y. 1 A P Sc (Ch), Ms; 9-11-99 (12-1-06)
 Pyne, Henry R., 1115 Boston Rd., Bx..... 1 A Class Lang (Ch), EvC; 9-12-97 (9-9-14)

Q

Quick, Emma M., 135 Hemes, Bn.....	A St Tp, FR; (9-9-01) 2-1-21
Quigg, Helen T., 51 E. 87th, Mn.....	A E, WI; 11-3-13
Quimby, Ernest S., 244 E. 86th, Mn.....	A E, EvC; 9-14-03
Quinn, Edward J., 326 Audubon Ave., Bx.	A Coml, WI; 11-3-13
Quirk, Cecile B., 1066 82d, Bn.....	A F, NU; 3-13-13

R

Rabus, Maximilian, 138 E. 16th, Mn.....	A D, Stv; 9-7-17
Radenhausen, Paul E., 208 Martense, Bn....	A G, DVC; 6-28-16
Radu, John W., 420 W. 121st, Mn.....	A Inst Mkg, Stv; 9-10-20
Rae, Anne M., 34 Jefferson Ave., Bn.....	A E, Girls; 4-1-08
Rafter, Hermia (Mrs.), 540 Carlton Ave., Bn.	A Coml, ED; 2-1-18
Rakowitz, Samuel, 174 Bedford Ave., Bn....	A F, Stv; (12-4-11) 9-11-16
Raiman, Robert I., 248 Park Pl., Bn.....	A E, Chg An, Boys; 11-2-03
Rallion, Harriet E., 207 W. Palisades Ave., Englewood, N. J.	A Sp, HSC; 9-10-20
Ralston, Ella L. (Mrs.), 519 Manhattan Ave., Bn.....	A Ec, Wdl; (9-6-18) 4-1-19
Ransom, Minnie H., 2644 Marion Ave., Bx.	A Cv, Wdl; 3-1-20
Randall, Bernice E., 1224 Pacific, Bn.....	A PT, BR; 2-1-21
Randall, Christine V., 49 Hillside Ave., Flushing, L. I.	A PT, RH; 9-11-16
Raphael, Arthur, 283 Rutledge, Bn.....	A E, HSC; 9-10-20
Raubicheck, Charles W., 1367 Plimpton Ave., Bx.	A E, EvC; (10-3-04) 4-8-12
Raubicheck, Letitia E. (Mrs.), 1367 Plimp- ton Ave., Bx.....	A El, JR; 6-28-16
Ravett, Irving, 857 Tinton Ave., Bx.....	A Acc & Bus Pr, Bwk; 9-10-20
Ray, Medora (Mrs.), 49 Vreeland Ave., Rutherford, N. J.	A Sp (Ch), WI; 12-2-01
Raynor, Gilbert J., 1340 Pacific, Bn.....	P, Coml; 9-14-08 (6-1-14) 12-2-18
Read, Edith, 1350 Fulton Ave., Bx.....	A B, Ms; 10-1-02
Read, Mary E., 11917 Ridgewood Ave., Rich- mond Hill, L. I.	A St Tp, RH; 9-11-14
Read, Warren W., 4 Cedar Ct., Flushing, L. I.	1 A E (Ch), Flg; 9-8-02 (9-1-11)
Reed, Edna Shaw (Mrs.), 520 W. 122d, Mn.	A M, GW; 9-13-10
Reed, Helen M., 2204 Clarendon Rd., Bn....	A Coml, BR; 3-1-18
Reed, Mary A., 159 Lafayette Ave., Bn....	A PT, GComl; (12-1-00) 9-11-11
Reed, Nellie M., 2204 Clarendon Rd., Bn....	A Cv, BR; 11-1-06 (2-2-20)
Reed, William E., 416 E. 9th, Bn.....	A Cv, MT; (9-10-00) 2-2-20
Reedy, May R., 44 N. 9th, Rockaway Park, L. I.	Cl A, JR; 5-14-19
Reich, Leo, 1181 Union Ave., Bx.....	A Sp, Ms; (11-3-13) 9-5-19
Reichenbach, Charles A., Springfield Gar- dens, L. I.	A Arch D, Coml; 2-1-15
Reifler, Elizabeth B., 434 E. 148th, Mn....	A Sp, EvC; 2-2-20
Reilly, John J., 718 Beck, Mn.....	A Ec, Coml; 9-10-20
Reimers, Helen M. (Mrs.), 49 Whitestone Ave., Flushing, L. I.	A G, Flg; (9-12-98) 9-8-16
Reinhold, Alida B., 123 Giffords Lane, Great Kills, N. Y.	Cl A, Curtis; 2-3-13
Reinke, Eva G., 540 W. 189th, Mn.....	A St Tp, TR; 10-1-20
Regard, Leon, 1341 Webster Ave., Bx.....	A Ec, HSC; 6-28-16
Remy, Alfred, Bronxville, N. Y.....	A G, HSC; 2-21-99
Reser, Edward N., 171 S. Oxford, Bn.....	A D, Coml; 9-10-00
Reese, Clare H., 478 W. 145, Mn.....	A H Cv, EvC; 9-11-16
Rexford, Frank A., 445 3rd, Bn.....	A C (Adm), BofE; (9-9-01) 3-1-06
Reynolds, Alice M. (Mrs.) 1310 Ave P., Bn.	A Sp, MT; 9-6-18
Reynolds, Alice R. (Mrs.), 117 W. 79th, Mn.	A Sewg, WI; (11-1-06) 9-9-12
Reynolds, Frank A., 5 W. 125th, Mn.....	A L, Stv; 9-9-01
Reynolds, Gerald, 2464 Grand Ave., Ford- ham, N. Y.....	A Mu (Ch), Ev C; 4-13-14
Reynolds, James I., 24 De Graw Ave., Ja- maica, L. I.	A L, Jam; 9-10-06

- Reynolds, Lewis G., 103 Herkimer, Bn.... A G, Boys; 2-1-10
 Reynolds, Paul G. A., 12 Tompkins Pl., Bn. A C, Coml; 2-2-20 (4-19-20)
 (4-19-20)
 Reynolds, Percy L., Hastings-on-Hudson, N.Y. A PT, HSC; 6-28-16
 Reynolds, Ruth, 416 W. 118th, Mn..... A E, HSC; 9-8-16
 Rhodes, L. Maude, 126 23d, Elmhurst, L. I. A PT, Flg; (9-13-98) 9-13-17
 Ribber, Emma, 246 E. 25th, Bn..... A Coml, ED; 3-3-97
 Riblet, Mary V., 130 E. 51st, Mn..... 1 A E, Bry; (3-1-97) (1-4-04)
 2-1-05 (3-1-20)
 Rice, Mabel E., 125 Washington Pl., Mn... A St Tp, JR; 9-11-14
 Rice, Marshall D., 560 W. 179th, Mn..... A Sp, Stv; 9-5-19
 Rice, Winfield L., 36 Sidney Pl., Bn..... 1 A H (Ch) Boys; 9-5-13 (3-15-20)
 Richards, Ellen L., 70 Irving Pl., Mn..... A Sewg & Dress Mkg, WI; 2-3-03
 Richards, Elsa, 530 W. 124th, Mn..... A St Tp, JR; 5-12-20
 Richardson, Kathryn E., 839 Jennings, Mn. A E, Stv; (11-1-05) 4-1-19
 Richardson, Marion G., 823 Church, Richmond Hill, L. I. A St Tp (Ch), RH; 9-9-12
 Richardson, Roy S., 387A McDonough, Bn. A B, Boys; 9-10-00
 Richardson, William C., 500 E. 18th, Bn... A L, MT; 10-3-04
 Rider, Lloyd A., Ocean View Ave., Jamaica, L. I. A B, Coml; 3-1-12
 Riecker, William, 538 E. 88, Mn..... A E, Boys; (11-1-20) 2-1-21
 Riegger, Elizabeth, 1238 Pacific, Bn..... A G, Bwk; 2-3-13
 Riess, Ernst, 221 W. 113th, Mn..... 1 A Class Lang (Ch), Boys; 2-13-00
 (1-1-12)
 Riley, Eugene B., 2425 Hughes, Bn..... A H, Flg; 9-8-16
 Riordon, Elizabeth, 3657 Broadway, Mn... A St Tp, WI; 2-3-13
 Ritter, Charles P., 2119 Regent Pl., Bn.... A C, EH; 9-11-14
 Rives, Mattie M. (Mrs.), 9 Prospect Pk. W., Bn. A Sewg (Ch), Bwk; (2-1-04) 9-8-16
 Roberts, Alfred S., 1109 College Ave., Bx.. A H (Chg An), DW C; (2-8-04)
 2-11-13
 Robeson, Julia G., 69 Montague, Bn..... Lib A, RH; 2-1-15
 Robins, Florence L., 55 Wall, New Brighton, S. I. A E, Curtis; 2-3-13
 Robinson, Alfred T., 1344 E. 17th, Bn..... A Joinery (Ch), MT; (4-2-02)
 3-2-08
 Robinson, Alice M., 1035 Anderson Ave., Bx. A M, Wdl; 2-6-03
 Robinson, Anna E., 70 Irving Pl., Mn..... A E, JR; (10-22-00) 2-1-18
 Robinson, Eva A., 8205 11th Ave., Bn..... A H G, NU; 3-1-09
 Robinson, Franklin D., 12001 St. Annes Ave., Richmond Hill, L. I. A M, RH; 9-14-03
 Robinson, Harry W., 969 Hoe Ave., Bx... A PT, Boys; (9-5-13) 4-19-20
 Robinson, John T., 945 E. 34th, Bn..... A Forging, MT; 9-4-94
 Robinson, L. Archibald, 408 77th, Bn..... A Physiog, BR; 2-9-14
 Robinson, Nathaniel, 600 W. 146th, Mn.... A Coml, Bry; (11-1-07) 9-11-16
 Robinson, Robert, 1999 Clinton Ave., Bx... A M, HSC; 9-11-14
 Roche, Elizabeth A., 2 St. Nicholas Pl., Mn. 1 A St Tp (Ch), WI; (11-1-94)
 9-12-97 (6-1-14)
 Rochow, John P., 269 E. Kingsbridge Rd., Bx. A G, HSC; (3-1-94) 9-11-11
 Rodick, Burleigh A., 38 Monroe Pl., Bn.... A H, Stv; 9-10-20
 Rodkey, Edith, 79 Hanson Pl, Bn..... A E, Stv; 4-5-20
 Rodman, Bayard B., 54 E. 25th, Whitestone, L. I. A C, Stv; (12-1-04)
 Roe, Paul E., 234 Covert, Bn..... A PT, Boys; 10-14-18
 Roessler, Erwin W., 418 Central Park W. Mn. 1 A Mod Lang (Ch), HSC; 9-12-04
 (2-8-09)
 Roessler, Nellie M. (Mrs.), 418 Central Park W, Mn..... A L, Wdl; 12-19-01
 Roeth, Natalie S., 201 W. 91st, Mn..... A B, Stv; 9-12-10
 Rogers, Cora M., 71 Lamont Ave., Elmhurst, L. I. A E, Ntn; 7-1-97
 Rogers, Charles E., 1640 University Ave., Bx. A Coml, HSC; 10-15-00
 Rogers, Lorana G., 43 State, Bn..... A FHD, FR; 2-2-21
 Rogers, Sarah L., 32 Nostrand Ave., Bn.... A Sewg, FR; 12-8-19
 Rogers, William W., 26 Scribner Ave., New Brighton, S. I. 1 A H (Ch), Curtis; 2-1-07 (2-5-17)
 Rogin, Robert I., 427 Dyckman, Peekskill, N. Y. A H, DWC; 5-9-18
 Roll, Rose, 201 E. 82d, Mn..... A M, WI; (11-1-09) 9-9-10
 Roman, Louis, 429 Bainbridge, Bn..... A Sp, G Coml; 11-17-19
 Romm, Edith, 1335 Madison Ave., Mn..... A Mu, Bwk; 9-10-20

Romme, Percy E., 827 Melrose Ave., Bx...	Cl A, Stv; 2-17-19
Root, Eva R., 730 Lefferts Ave., Richmond Hill, L. I.	A E, RH; 9-11-11
Root, Lydia F., 730 N. Lefferts Ave., Jamaica, L. I.	A L, Jam; 9-8-02
Rosanoff, Lillian, Kings Park, L. I.	A M, Coml; 9-10-20
Roselle, Chilion, 502 W. 113th, Mn.	A Mu, Haaren; 2-1-21
Rosenblatt, Sallie, 151 Throop Ave., Bn.	A M, EH; (11-2-14) 9-10-20
Rosenblum, Abraham, Hasbrouck Hts., N. J. Rosenbluth, Henry, 8548 113th, Richmond Hill, L. I.	A St, WI; 2-14-01
Rosenhaus, Maximilian, 25 Clinton, Bn.	A Coml Br, Bry; (12-18-11) 2-2-14
Rosenthal, Daniel C., 425 W. 114th, Mn.	A Coml, Bwk; (4-1-07) 2-2-14
Rosenthal, Frances C., 527 Neptune Ave., Bn.	1 A Mod Lang (Ch), Bry; 9-1-16 (2-3-20)
Rosenthal, Terese R., 5 W. 91, Mn.	A Sp, Boys; 10-1-19
Ross, A. Franklin, 65 Kenilworth Pl., Ridgewood, N. J.	A Acc & Bus Pr, JR; (4-3-11) 4-8-12
Ross, Annie, 659 Sanford Ave., Flushing, L. I.	1 A H & Cv (Ch), Stv; (9-10-00) 9-12-04 (3-1-17)
Ross, Herbert M., 2585 Grand Concourse, Bx.	A Mod Lang, Flg; 2-14-10
Ross, Joseph, 1878 7th Ave., Mn.	A PT, EvC; 10-1-17
Ross, William A., 728 Lafayette Ave., Bn.	A Sp, DWC; 6-28-16
Rostetter, Alice, 438 W. 116th, Mn.	A Coml, Coml; 2-1-06
Roth, Helen M., 2344 Putnam Ave., Bn.	A E, WI; (10-9-99) 9-5-13
Rotherhan, Philip J. E., 202 W. 88th, Mn.	A E, Girls; 9-5-19
Rothholz, Meta, 835 E. Parkway, Bn.	A PT, HSC; 10-2-11
Rowe, Stuart H., 104 Hillcrest Ave., Yonkers, N. Y.	A M, EH; 9-11-11
Royce, Sarah Grace, 509 W. 122d, Mn.	P, Wdl; (9-12-04) 9-1-10
Rubel, Jacob A., 326 Troy Ave., Bn.	A L, Wdl; 9-8-02
Rubenstein, Jacob, 1179 51st, Bn.	A Ec, ED; (12-3-06) 2-2-20
Ruggeri, Agnes C., 59 E. 93d, Mn.	A H, BR; (9-8-05) 2-3-13
Ruggles, Zola B., 431 Clermont Ave., Bx.	A St Tp, JR; 11-3-13
Russell, George P., 25 W. 65th, Mn.	A D, WI; 2-5-17
Russell, Helen, 54 Wall, New Brighton, S. I.	A C, Coml; 10-1-19
Russell, Helen G., 520 W. 122d, Mn.	A M, Curtis; 7-30-12
Russell, Louise S., 593 Lexington Ave., Mn.	A B, EvC; 9-13-10
Russell, Warren L., Jackson Ave., Queens, L. I.	A St Tp, ED; 2-1-18
Russum, Ruth E., 412 Ocean Ave., Bn.	A L, MT; 9-14-08
Ryan, Elizabeth G., 207 W. 11th, Mn.	A S, ED; 10-1-09
Ryan, Loretta C., 143 W. 84th, Mn.	A El, WI; 9-5-13
Ryan, Monica D., 374 Jefferson Ave., Bn.	A PT, JR; (11-1-07) 9-7-17
Ryan, Olive, 207 W. 11th, Mn.	A E, BR; 11-1-20
Ryan, William J., 165 East 88th, Mn.	A Sp, WI; 2-16-20
Ryder, Mary E., 24 Rockrose Pl., Forest Hills, L. I.	A H, Boys; (9-7-17) 10-15-17
	A E, Ntn; 2-13-19

S

Sabin, Daisy B., 2414 Creston Ave., Bx.	Lib A, EvC; 9-11-14
Sable, Amelia B., 560 W. 163d, Mn.	A E, HSC; (10-1-02) 9-10-20
Sackman, Esther B., 15 Martense Ct., Bn.	A Coml, WI; 5-1-11
Sackman, Gilbert R., 15 Martense Ct., Bn.	A D, Stv; 9-9-10
Sachs, Felix, 1510 Greene Ave., Bn.	A M, Boys; 6-28-16
Sacks, Sarah Lifshitz (Mrs.), 2118 Vyse Ave., Bn.	A Coml, JR; 2-1-18
Sachs, William S., 447 E. 174th, Mn.	A M, Stv; 6-28-16
Safir, Shelley R., 230 E. 173d, Mn.	A B, Stv; 9-11-14
Saltzberg, Florence B., 1107 Forest Ave., Bx.	A E, Wdl; (11-1-10) 10-2-11
Salzano, Francis F., 1336 Bay, Rosebank, S. I.	A M, DWC; 9-11-11
Sanborn, Mildred L., 200 Cathedral Parkway, Mn.	A E, JR; 9-8-16
Sandal, Caroline, 158 25th, Elmhurst, L. I.	A E, JR; 2-1-15
Sanders, Edward I., 702 Avenue C W., Bn.	A El NU; (11-3-13) 2-2-20
Sandman, Ida, 716 W. 180th, Mn.	A PT, WI; (3-27-94) 3-2-03
Sandry, Edna E., 80 Cambridge Pl., Bn.	A D (Ch), Jam; 9-21-18
Sanford, Clarence H., 764 Weeks Ave., Bx.	A App Mech, Steam & Elec, Stv; 9-11-11

- Sanial, Marie L., Northport, L. I. A B, Wdl; 2-9-99 (9-14-87)
 Santee, Eloise B., 1159 Dean, Bn. A G, ED; 2-1-06
 Saphier, Conrad J., 1062 Carrol, Bn. A St Tp (Ch), BR; 2-3-13
 Saul, Gertrude E., 429 9th Ave., Queens,
 L. I. A G, Bry; 9-11-14
 Saxton, Margaret D., 173 W. 81st, Mn. A G, JR; 2-2-14
 Sayre, J. Frank, Princeton, N. J. A Cy, HSC; 10-1-19
 Scales, Carrie L., 2053 7th Ave., Mn. A PT, WI; (4-1-03) 11-1-06
 Schaible, Godfrey C., 355 St. Johns Pl., Bn.
 Schabacker, Harold M., 219 Audubon Ave.,
 Mn. A G, MT; 2-1-07
 Schamus, John B., 2493 Valentine Ave., Bx.
 Scharff, Violette E., 111 St. James Pl., Bn.
 Schatteles, Arthur, 2462 Valentine Ave., Bx.
 Schaumloeffel, John H., 2103 Ocean Ave.,
 Bn. A Sp, Stv; 2-3-19
 Schaumloeffel, Mildred B., 2103 Ocean Ave.,
 Bn. A El, EvC; (9-10-06) 2-3-13
 Schawaroch, John T., 9 Medina Pl., Elm-
 hurst, L. I. A F, BR; 9-8-05
 Scheib, Richard, 1167 Clay Ave., Bx. A Coml, Ms; (4-8-12) 9-6-18
 Scheibe, Elizabeth, 50 Morningside Ave., Mn.
 Schenone, Adelaide L., 1923 Homecrest Ave.,
 Bn. Lab A. MT; 2-1-10
 Scherer, Morris, 883 E. 176th, Mn. A B, Jam; (12-1-08) 11-3-13
 Schilling, Helen, 170 Stratford Rd., Bn. A PT, Flg; 3-11-20
 Schindler, Samuel, 205 McDonough, Bn. P (Actg), TR; 9-9-12
 Schlauch, William S., Hasbrouck Hts., N. J.
 Schlesinger, Ethel, 275 Central Pk. W., Mn.
 Schlosberg, Samuel, 11 Lathers Pl., New Ro-
 chelle, N. Y. A St Tp, Wdl; 9-11-11
 Schmidt, Carl G., 246 Hancock, Bn. A St Tp, EH; (11-1-07) 10-1-14
 Schmidt, Clara H., 31 N. Bleecker, Mt. Ver-
 non, N. Y. A St Tp, TR; 4-1-19
 Schneider, A. Arthur, 2196 Dean, Bn. A PT, BR; 11-1-17
 Schoedde, Emma J., 1350 Fulton Ave., Bx.
 Schoenchen, Gustav G., 2240 Grand Ave.,
 Bx. A PT, Coml; (10-16-11) 2-1-15
 Schoenroch, Hedwig, 309 E. 162d, Mn. 1 A M (Ch), HSC; 9-11-05 (9-5-19)
 Schonert, Ida H., 12 Arion Pl., Bn. CI A, JR; 9-5-17
 Schottland, Max, 1176 President, Bn. A E, Ms; (10-21-01) 9-9-12
 Schradieck, Helen E., 1319 Carroll, Bn. A Mu (Ch), EH; 9-14-08
 Schrage, Dorothy M., 232 Amherst Ave., Ja-
 maica, L. I. A C, DWC; 9-8-16
 Schreyer, Emma A., 10 Sherman Ave., Mn.
 Schroeder, Anita L. (Mrs.), Douglaston Bl.,
 Douglaston, L. I. A E, Bwk; (9-7-17) 9-6-18
 Schryver, George O., 4 Smith, Mt. Kisco,
 N. Y. A F G, MS; 2-14-01
 Scoville, Florence M., 177 Woodruff Ave.,
 Bn. A E, DWC; (11-1-10) 9-8-16
 Schuh, Elsa, 112 86th Ave., Richmond Hill,
 L. I. A G, Ms; (4-1-99) 3-2-08
 Schulman, Herman, 826 Ritter Pl., Bx. CI A, Coml; 9-18-19
 Schulz, Bertha, 54 E. 122d, Mn. A Coml, GW; (2-2-14) 9-6-18
 Schuman, Samuel, 972 Tiffany, Bx. A Sp G, Bwk; 10-1-09
 Schumer, Jacob H., 944 E. 14th, Bn. CI A, Jam; 12-12-18
 Schuyler, Elmer, 87 71st, Bn. A F, GW; 9-9-10
 Schwager, Harry, 512 W. 158th, Mn. A Sp, Bry; 2-1-10
 Schwartz, Beatrice, 825 W. 179th, Mn. A L, Boys; 9-5-13
 Schwartz, Edward E., 344 Wyona, Bn. A E, EH; 9-12-98
 Schwartz, Isidore A., 312 Haven Ave., Bx.
 Schwarzenbach, Peter A., 143 W. 16th, Mn.
 Schwarzkopf, Ernst, 342 79th, Bn. A E, Flg; 2-1-21
 Schwitzer, Myrtle, 1391 Madison Ave., Mn.
 Scott, Alice B., 79 Washington Pl., Mn. A PT, EvC; 3-15-20
 Scott, Cora A., 188 Wadsworth Ave., Mn. A F, Wdl; (3-3-97) 2-1-04
 Scott, Izora, 2015 Bedford Ave., Bn. A E, Stv; (4-4-04) 9-11-14
 Scovill, Florence M., 177 Woodruff Ave., Bn.
 Scudder, John O., 115 S. 8th, Mt. Vernon,
 N. Y. A P, Girls; (2-3-02) 9-10-06
 Scully, Teresa M., 81 Northern Ave., Mn. 1 A M (Ch), BR; (9-12-04) 9-9-12
 Seamans, Mary A., 1236 Pacific, Bn. A Coml, HSC; 2-5-17
 Seaman, Mary E., 1236 Pacific, Bn. A Sp, MT; 11-1-20
 Sears, Theresa C. (Mrs.), 203 17th, Bn. A G, MT; 9-9-12
 A F, DWC; (11-2-14) 12-3-17
 A D, DWC; (9-10-06) 3-1-12
 A Forging, Stv; 2-3-13
 CI A, HSC; 2-3-13
 A D, WI; 9-11-16
 A M, Ms; (9-9-01) 2-1-04
 A L, EH; 9-25-08
 A E, EH; 9-12-98
 A P, GW; 12-4-99 2-1-11
 A St Tp, Ms; 2-1-12
 A Coml Br, GComl; 11-1-07
 A Sp G, Bwk; 3-2-08
 A St Tp, GComl; 3-1-20

Seeber, Elizabeth. 138 E. 54th, Mn.....	A G, Ntn; 10-2-11
Seidensticker, Clara, 65 Montrose Ave., So. Orange, N. J.	A Sp, Wdl; 9-12-97
Seipp, Anna M., 188 Claremont Ave., Bn..	A D, NU; 10-14-19
Selman, Frances, 231 Rutledge, Bn.....	A M, MT; (11-1-17) 9-10-20
Sergeant, Nellie B., 503 W. 121st, Mn.....	A E, EvC; 10-2-16
Serota, Ruth. 727 E. 158th, Mn.....	A St Tp, TR; (10-2-03) 9-11-14
Sesso, Pauline M., 303 E. 161st, Bx.....	1 A Mod Lang. Wdl; (11-1-87) 9-12-98 (9-1-14)
Seymour, Mary I., 627 E. 12th, Bn.....	A E, GComl; 7-1-96
Shanholt, Henry H., 5 E. 106th, Mn.....	A M, Stv; 4-1-19
Shanly, Mary E., 139 Madison Ave., Flushing, L. I.	A E, Ntn; 5-8-11
Shapiro, Philip S., 209 Lee Ave., Bn.....	A PT, Coml; 10-1-17
Shapiro, Sarah M. (Mrs.), 533 W. 156, Mn.	A St Tp, WI; (4-1-07) 2-1-15
Sharpe, Barnet P., 18th Ave. and 86th, Bn.	A NU, PT; (11-2-08) 11-1-13
Sharp, Eleanor, 110 Maurice Ave., Elmhurst, L. I.	A Coml, Ntn; 2-1-15
Sharp, Richard W., 142 St. Paul Pl., Bn....	A B, DWC; 2-1-07
Shaw, Adele M., Forest Hills Inn, Forest Hills, L. I.	A E, Ntn; (7-1-94) 2-8-09
Shaw, Laura J. (Mrs.), 136 Fafayette Ave., Bn.	A St Tp, Bwk; 10-1-19
Shea, John, 259 Brooklyn Ave., Bn.....	A St Tp, Coml; 3-1-09
Shean, Chauncy C., 1014 Eastern Pkway, Bn.	A PT, Coml; 9-5-13
Shear, Alexander S., 1269 Morris Ave., Bx.	A E, Stv; 11-1-20
Shearer, Robert J., 1320 Ave I, Bn.....	A St Tp, Coml; 10-1-09
Sheely, Jane V., 180 Quincey, Bn.....	A H, Girls; (9-14-03) 2-2-14
Shellard, Warren P., 308 Stratford Rd., Bn.	A P, WI; (10-3-04) 10-9-14
Shepard, Bertha S., 426 E. 26th, Mn.....	A D, WI; (3-3-13) 9-11-14
Shepard, Oscar C., 400 W. 57th, Mn.....	A St, HSC; 10-2-16
Sheridan, Gladys, 158 Gleane, Elmhurst, L. I.	A E, Ntn; 11-3-19
Sherman, Martha H., 540 W. 144th, Mn....	Cl A, Ms; 10-14-18
Sherman, Rose E., 143 E. 21st, Mn.....	A E, WI; 9-5-13
Sherwell, Luis M., 509 W. 146th, Mn.....	A Sp, Stv; 2-5-17
Shimberg, Jeannette, 209 Rutledge, Bn.....	A M, MT; (2-1-10) 4-8-12
Shirkas, Hyman, 124 Boerum, Bn.....	A E, Coml; (11-2-14) 11-1-20
Shipley, James H., 453 W. 152d, Mn.....	A St Tp, HSC; 10-3-01
Shipley, Joseph T., Tuckahoe, N. Y.....	A E, Stv; 2-1-15
Shirley, Minerva B., 247 73d, Bn.....	A E, NU; 9-11-16
Shoudy, Theodore, Essex Falls, N. Y.....	A D, HSC; 6-28-16
Shulman, Morris A., 55 St. Marks Pl., Mn.	A Coml WI; (11-1-99) 15-1-11
Shumway, Edgar S., 472 E. 18th, Bn.....	1 A L (Ch), MT; 9-9-01 (9-1-03)
Siedler, Charles, 2316 Andrews Ave., Bx....	A L, EvC; (2-8-09) 10-1-12
Siegel, Fred, Hastings-on-Hudson, N. Y....	A D, Haaren; 12-12-17
Silverman, Henry J., 53 Orchard, Jamaica, L. I.	1 A PT (Ch), Jam; (3-1-06) 4-1-10 9-8-20
Silverman, Mollie, 796 E. 175th, Mn.....	A St Tp, HSC; (4-13-14) 2-2-20
Silverstein, Nathan, 18 W. 107th, Mn.....	A M, Stv; 5-1-07
Simon, Madelyn R., 314 11th Ave., Long Island City, L. I.	A FHD, Bry; 9-30-20
Simonietri, Marie L., 279 Halsey, Bn.....	A Sp, MT; (1-4-97) 2-3-19
Simmons, Kate C., 167 Joralemon, Bn.....	A D, Girls; (9-9-01) 2-1-05
Simpson, Gertrude, 1570 E. 17th, Bn.....	A St Tp, NU; (11-1-17) 10-1-19
Simpson, Julia, 1570 E. 17th, Bn.....	A M, Coml; 2-3-19
Sindelar, Charles, Browdale Dr., Little Neck, L. I.	A M, Stv; (5-20-98) 10-1-09
Singer, Ray, 112 Hopkins, Bn.....	A St Tp, Haaren; 2-1-21
Sipser, Emma H. (Mrs.), 114th St. near 7th Ave., Mn.....	Cl A, Wdl; 9-11-14
Skahan, Mary R., 147 E. 82nd, Mn.....	A PT, JR; 4-1-08 (5-3-20)
Skecle, Otis C., 21 Sycamore Ave., Mt. Vernon, N. Y.	A PT (Ch), Ms; 9-12-98
Skelton, Christine P., 252 Hancock, Bn....	A Cooking, Sewg, FR; (5-1-08) 9-11-16
Skilton, Clara M., 52 Livingston, Bn.....	A E, Bwk; 9-11-11
Skinner, Herbert C., 261 E. 201st, Bx.....	A Sp, HSC; 2-1-10
Skinner, Mabel, 19 E. 95th, Mn.....	A Cv (Ch), WI; (9-8-02) 9-16-07
Skip, Francis E., 163 Eastern Pkway, Bn.	A PT, Boys; 2-1-15
Slack, Earl B., 22 Cassilus Ave., Bronxville, N. Y.	A P (Ch Ph Sc), WI; 9-11-11
Slade, Una C., 459 Mt. Prospect Ave., New ark, N. J.	A E, EH; 9-10-20
Slater, Florence W., 129 E. 10th, Mn.....	A B, WI; 9-10-01
Slater, Henry B., 127 4th, Elmhurst, L. I.	A Coml, Ntn; 3-7-07

- Sleeth, Addie A., 400 W. 118th, Mn..... A Physiog, JR; 2-1-18
 Slocum, Miriam F., 221 Eastern Pkway, Bn. A St Tp, GComl; 2-5-17
 Smallheiser, Annette, 638 Lafayette Ave.,
 Bn. A PT, ED; (4-1-07) 4-1-21
 Smallheiser, Albert Lee, 90 Hart, Bn..... A H, Boys; (9-8-16) 9-10-17
 Smerling, Frank A., 599 W. 190th, Mn.... A E, Stv; (9-9-10) 9-10-17
 Smith, Anna H., 121 N. Maple Ave., East
 Orange, N. J. A E, DWC; 9-11-99
 Smith, Bernice C., 40 Morningside Ave., Mn. A D, TR; 9-7-17
 Smith, Charles M., 131 Livingston, Bn.... A St Tp (Coord), Haaren; 2-11-09
 Smith, Donald E., 1974 University Ave., Bx. A H, Ms; 11-10-13
 Smith, Edith I., 115 W. 96th, Mn..... A PT, JR; 12-18-11
 Smith, Ernest E., 186 Maple, Bn..... 1 A H (Ch), MT; (9-10-06 (9-7-17))
 Smith, Ethel M., 147 W. 75th, Mn..... A Coml, JR; 2-1-18
 Smith, Florence M., 428 Elizabeth, Inwood,
 N. Y. A L, FR; 2-3-15
 Smith, Frances A., 197 Gates Ave., Bn.... A E, WI; 11-3-13
 Smith, Franklin H., 414 W. 120th, Mn.... A H, Wdl; 2-25-07
 Smith, Frederick, 226 Bement Ave., W. New
 Brighton, S. I. A Coml, JR; (11-1-06) 10-15-17
 Smith, Georgina M., 75 McDonough, Bn... A F, WI; 10-1-09
 Smith, Harriet K., 2674 Valentine Ave., Bx. A St Tp, EvC; 9-12-97 (10-1-94)
 Smith, Harry D., 412 E. 33d, Paterson,
 N. J. A Acc & Bus Pr, JR; (2-5-17) 5-3-20
 Smith, Herbert O., 146 Fenimore, Bn..... A C, DWC; 2-2-14
 Smith, Isabelle F., 941 Intervale Ave., Bx.. A Coml, JR; (12-1-03) 9-8-16
 Smith, James V., 84 Grove, Mn..... A PT, EH; (2-1-10) 2-2-20
 Smith, J. Clarence, 430 4th, Bn..... A L (Chg An), MT; 9-11-05
 Smith, Joseph H., 75 McDonough, Mn.... A Sp, WI; 2-23-09
 Smith, L. Brewster, 97 Vista Pl., Mt. Ver-
 non, N. Y. A M, HSC; 5-8-11
 Smith, Louise, 59 Downing, Bn..... A L, Bwk; 12-14-11
 Smith, Luella G. (Mrs.), 1974 University
 Ave., Bx. A Mu, Ms; 2-1-15
 Smith, M. Helen, 514 5th, Bn..... A B, MT; 2-5-06
 Smith, Mabel P., 434 W. 120th, Mn..... A E, Ms; 2-2-14
 Smith, Madeleine W., 205 St. Johns Pl., Bn. A PT, EH; (2-1-10) 2-2-20
 Smith, Marguerite, 1 W. 69th, Mn..... A B, DWC (9-14-09) 9-16-10
 Smith, Mary L., 470 W. 166th, Mn..... A Cv, ED; (11-3-19) 3-1-20
 Smith, Maude F., 619 W. 127th, Mn..... A Cooking (Ch Dom Sc), Wdl;
 (11-1-04) 2-2-14
 Smith, Myrtle A., 161 Emerson Pl., Bn.... A C, Bwk; 4-28-15
 Smith, Natalie A., 97 Kenmore Pl., Bn.... A E, EH; 9-5-13
 Smith, Ruth W., 144 E. 22d, Mn..... A PT (Ch), BR; 10-1-14
 Smith, Seymour L., Hastings-on-Hudson,
 N. Y. A Mach Shop, Stv; 9-12-10
 Smith, Violet E., 1527 Union, Bn..... A FHD, WI; 9-30-20
 Smith, Walter M., 8 Church, Paterson, N. J. A Wood Turning, Stv; 2-1-07
 Smith, W. Palmer, 330 E. 19th, Bn..... 1 A El (Ch), Boys; 2-1-06 (2-2-20)
 Snider, Annie M., 431 W. 121st, Mn..... A E, WI; 3-24-13
 Snow, Ella M., 420 W. 119th, Mn..... A F, Brv; 11-12-09
 Snow, Minnie R., 386 4th, Bn..... A M, MT; 10-1-09
 Snow, Rose, 49 E. 123d, Mn..... A PT, EvC; 2-5-17
 Snyder, Horace M., 863 E. 18th, Bn..... P, MT; (9-7-10) 4-16-17
 Sohon, Michael D., 1334 Chisholm, Bx.... 1 A Ph Sc (Ch C), Ms; 9-12-97
 (12-1-13)
 Solomon, Charles, 88 Linden Ave., Bn..... A M, MT; (2-4-04) 9-22-08
 Solomon, Augustine H., 89 Linden Ave., Bn. Cl A, Girls; 2-2-20
 Solomon, Michael, 1327 Bristow, Bx..... A L, DWC; 2-1-10
 Solon, Sarah R. (Mrs.), 43 Washington
 Sq., Mn. A St Tp, JR; 6-28-16
 Sommerfield, Alfred, 560 W. 144th, Mn.... A Coml, WI; 3-1-12
 Sonnenthal, Pauline, 2122 Anthony Ave., Bx. A St Tp, JR; (3-1-12) 11-1-17
 Soule, Bertha L., Hotel St. George, Bn.... A L, MT; 9-11-05
 Southwell, Etta E., 161 Emerson Pl., Bn... A B, Bwk; 9-28-10
 Sprague, Clarence H., 1827 E. 15, Bn.... A FHD, HSC; 3-1-10
 Sparke, Minnie E., 2173 Bedford Ave., Bn. A G, EH; 9-14-03
 Spear, Alice B. (Mrs.), 2720 Creston Ave.,
 Bx. Cl A, Ms; (6-2-19) 2-2-20
 Spear, Dorothy A., 2720 Creston Ave., Bx.. A E, EvC; 9-11-14
 Spector, Thomas, 534 W. 152, Mn..... A D, DWC; (11-2-14) 9-7-17
 Spencer, Elizabeth, 15 W. 12th, Mn..... A Cooking, Wdl; (10-3-10) 2-17-19
 Spencer, Mary, 1062 Sterling, Bn..... A D, Girls; (2-1-00) 9-9-07
 Sper, Felix, 1233 St. Johns Pl., Bn..... A E, Stv; (11-3-13) 11-5-17

- Speyer, Henrietta L., 1662 Boston Rd., Bx.
 Sperling, Harry, 391 Marlboro Rd., Bn....
 Spier, Doris J., 515 W. 111, Mn.....
 Spivack, Louis B., 1450 Linson Pl., Far
 Rockaway, L. I.
 Sprague, Clarence H., 1827 E. 15th, Bn....
 Sprague, Harold C., 10020 Garrison, Hollis.
 L. I.
 Sprague, Laura E., 580 E. 21st, Bn.....
 Squires, Martha U. (Mrs.), 25 McDonough,
 Bn.
 Stableford, Richard G., 8 Poplar, Bn....
 Stacey, Sidney G., 177 Woodruff Ave., Bn.
 Stagen, Ruth M., 459 Bement Ave., West
 New Brighton, S. I.
 Stahl, George F., 2804 Pond Pl., Bx.....
 Stahl, Ida M., 152 Lincoln Pl., Bn.....
 Stager, Selda, 101 E. 78th, Mn.....
 Stamm, Caroline L., 25 N. 7th Ave., Mt.
 Vernon, N. Y.
 Stanford, James H., 192 Bradhurst Ave., Mn.
 Stannard, J. Ellis, 3111 Beverly Rd., Bn...
 Stanton, Anna E., 283 Parkside Ave., Bn...
 Stapff, Hetta, 7 Guyon Ave., Oakwood Hts.,
 N. Y.
 Stapleton, Christopher R., 321 E. 200th, Bx.
 Stark, Henry, 6 41st, Corona, L. I.
 Starkey, Warren L., 464 E. 26th, Bn.....
 Starratt, Rosa M., 419 W. 121st, Mn.....
 Stauff, John H., 35 Bentley, Tottenville, S. I.
 Stebbins, Charles M., 1427 Union, Bn.....
 Steers, Edna L., 1251 Pacific, Bn.....
 Steigman, Benjamin, 169 Columbia Hts., Bn.
 Steinecke, Jeannette A., 55A Lynch, Bn....
 Steinert, John B., Hastings-on-Hudson, N. Y.
 Steinmets, William G., 8928C 116th, Rich-
 mond Hill, L. I.
 Steeneck, Adelheit M., 50 Bank, Mn.....
 Steigman, Max, 427 15th, Bn.....
 Stepanek, Beatrice, 610 W. 116th, Mn.....
 Stephens, Walter L., 39 Woodland Ave.,
 Rockville Centre, L. I.
 Stern, Regine, 434 7th, Bn.....
 Sternberg, George, 501 W. 143d, Mn.....
 Stetson, Sophie M., 851 West End Ave., Mn.
 Stevens, Henry J., 156 W. 128th, Mn.....
 Stevens, William S., 33 Arden Pl., Yonkers,
 N. Y.
 Stevenson, Beulah E., 178 Emerson Pl., Bn.
 Stevenson, Christian R., 1 N. Wertland Ave.,
 Queens, L. I.
 Stevenson, Florence J. (Mrs.), 2860 Cres-
 ton Ave., Bx.....
 Stevenson, Helen G., 136 2nd Ave., New-
 ark, N. J.
 Stevenson, J. Allison, 876 Lincoln Pl., Bn..
 Stewart, Charles A., 8524 111th, Richmond
 Hill, L. I.
 Stewart, Effie F., Sound Beach, Conn.....
 Stiebritz, Elsie, 419 9th Ave., Astoria, L. I.
 Stieg, Fern, 1109 Amsterdam Ave., Mn....
 Stiles, Ethel A., 1236 Clay Ave., Bx.....
 Stilson, William E., 8438 113th, Richmond
 Hill, L. I.
 St. John, Emily P., 578 E. 21st, Bn.....
 St. John, Robert P., 815 E. 14th, Bn.....
 Stocker, John H., 197 East 17th, Bn.....
 Stockton, J. Lewis, 248 Stratford Rd., Bn..
 A St Tp, Bry; (11-2-08) 2-16-20
 A PT, ED; (12-3-06) 3-2-08
 A B, Wdl; 9-11-14
 A M, DWC; 4-4-20
 A FHD (Ch), HSC; 3-1-10
 A P (Adm), Boys; 2-3-15
 A H, EH; 9-13-97
 A G, Bwk; 12-18-11
 Cl A, Stv; 2-5-17
 A L, EH; 1-31-98
 A E, Curtis; 9-11-14
 1 A Mech Arts (Ch Wood Wkg),
 Stv; (2-1-98) 9-9-07 (6-1-14)
 A Coml (Chg An), BR; 9-8-16
 A St Tp, Bry; (11-1-09) 2-16-20
 A Cv G, EvC; 2-2-14
 A Wood Trng, Stv; (10-1-14) 2-1-15
 A P, Boys; 9-9-12
 A B, Bwk; 10-2-11
 A G, AF, Curtis; 9-5-13
 A E, EvC; 2-1-10
 A Milling & Bldg Const, Stv;
 (11-1-16) 9-10-20
 1 A BkKpg (Ch Coml), Jam; 9-13-97
 (9-1-11)
 A E, JA; 9-8-16
 A H, DWC; (9-10-17) 9-6-18
 A E, EH; 2-2-03
 A B, Girls; 11-1-06
 A E, Stv; 9-11-11
 A St Tp, Girls; 2-1-15
 A Wood Trng, Stv; (12-1-98) 9-9-07
 A Coml, RH; 9-8-16
 A M, Flg; 2-18-20
 A C, Boys; 4-7-20
 A L, ED; 2-1-06
 A Cv, Stv; 11-3-19
 A F G, MT; 9-9-01
 A S, Coml; (3-2-98) 11-1-09
 A Acc & Bus Pr, TR; 9-11-16
 A L, DWC; (10-10-98) 11-3-13
 A M, Bwk; 9-11-99
 A D, Girls; (9-9-07) 10-1-09
 A Cv, RH; (3-1-05) 2-2-20
 A Sewg & Dressmkg, FR; (9-6-12)
 9-6-18
 A H, WI; 9-10-20
 A L, Boys; 6-28-16
 A Coml (Chg An), RH; 9-12-04
 A L, Ms; 2-1-06
 A PT, WI; (4-1-07) 11-1-17
 A PT (Ch), TR; 9-5-13
 A E, WI; 2-10-20
 A M, RH; 9-12-04
 A E, FH; 9-11-05
 1 A E (Ch), Coml; 2-1-00 (1-1-06)
 1 A PSC (Ch), EH; 4-8-95
 (2-5-17)
 A Cv H Ec (Ch Cv), EH; (2-14-01)
 9-9-12

- Stoll, Louise A. (Mrs.), 164 Parkside Ave., Bn. A M, EH; 10-2-11
- Stolper, Benjamin J. R., 101 S. 10th, Newark, N. J. A E, Stv; 9-10-20
- Stone, Bertha R., 317 W. 95th, Mn. A St Tp, WI; 4-8-12
- Stone, Katharine W., 365 Monroe, Bn. A L, EH; (9-8-05) 2-8-09
- Stone, Limond C., 148 Putnam Ave., Bn. A M, Boys; 10-3-01
- Stone, Lulu M., 1433 Union, Bn. A E, Girls; 9-9-95
- Stone, Mabel, 7A Locust Ave., Port Washington, L. I. A Cooking, MT; (10-6-96) 4-3-03
- Stone, Mary M., 404 Ocean Ave., Bn. A M, EH; (2-4-98) 2-1-99
- Stone, Maudie L., 525 5th, Bn. A Cv PT, MT; 9-12-04
- Stone, Wilmer T., 210 W. 84th, Mn. A E, DWC; 2-5-17
- Storer, Henry A., 333 Brevoort, Richmond Hill, L. I. A St Tp, RH; (1-2-02) 4-1-19
- Story, Helen M., 251 E. Kingsbridge Rd., Bx. A Cooking, Ms; (9-10-06) 2-1-10
- Stotler, Albert, Forest Hills, L. I. A Wood Trng, Stv; (12-3-06) 2-8-09
- Strahs, Jacob, 1740 77th, Bn. Cl A, NU; 9-8-20
- Strasburger, Bertha, 55 W. 95th, Mn. A M, Wdl; (1-1-90) 9-11-99
- Stratford, Aline C., 165 Clinton Ave., Bn. A E, ED; 2-1-00
- Stratton, William, 245 Westminster Rd., Bn. A PT, EH; (9-6-12) 2-1-18
- Strauss, Joseph B., 194 E. 76th, Mn. A El, Boys; (5-15-14) 10-1-20
- Strauss, Julius, 441 Durham Ave., Mt. Vernon, N. Y. A PT, Ms; (2-14-10) 9-9-10
- Strayer, Franklin R., 11 Primrose Ave., Mt. Vernon, N. Y. A P, Ms; 9-14-03
- Streep, Amanda, 3 E. Elm, Norristown, Pa. A H, WI; 2-10-20
- Strelitz, Hattie M., 700 W. 178th, Mn. A St Tp, JR; (10-7-01) 11-3-19
- Strom, Carl A. W., 446 74th, Bn. A M, EH; (4-4-04) 9-5-13
- Strom, Nathan, 916 Stebbins Ave., Bx. A Acc & Bus Pr, Ms; (9-7-06) 2-4-20
- Strong, William M., 141 Buckingham Rd., Yonkers, N. Y. A L, EvC; 9-12-98
- Strum, Nellie A., 105 E. 15th, Mn. A E, Ms; 3-1-04
- Strumpf, Harold A., 857 Crotona Pl., N. Bx. A St Tp, Ms; (10-3-04) 2-5-17
- Stryker, Russell F., 1121 Bedford Ave., Bn. A L, Boys; 9-8-16
- Strumpf, Gustav A., 31 Jerome, Bn. A E, Boys; (10-3-04) 9-10-20
- Sugarman, Arthur M., 556 W. 140, Mn. A St Tp, JR; (12-1-02) 9-9-12
- Sullivan, Bessie, 292 Clermont Ave., Bn. A E, M, Girls; 9-9-01
- Sullivan, Mary, 292 Clermont Ave., Bn. A M, ED; 9-12-04
- Sultan, Pauline M., 675 E. 170th, Mn. A Acc & Bus Pr, TR; (12-1-10) 2-18-19
- Sunderland, Florence, 423 W. 120th, Mn. A E, GW; 9-9-10
- Supnik, Henry F., 702 Ave C, Bn. A E, Coml; (3-9-00) 2-5-17
- Supplee, Mary F., 1224 Pacific, Bn. A B, CComl; 2-1-21
- Surrey, Frank M., 593 Riverside Dr., Mn. 1 A (Adm) PSc, Ms; 9-9-10 (9-8-20)
- Swann, Harvey J., 57 Gates, Bn. A F, Boys; 9-7-17
- Swanson, Minnie I., 31 Windsor Pl., Bn. A E, BR; (9-8-05) 9-10-20
- Swanton, Richard L., 245 Adelphi, Bn. A H, Boys; 2-1-15
- Swartout, Caroline H., 839 W. 179th, Mn. A G, Ms; 9-8-03
- Swartz, Sidney A., 1615 Union, Bn. A E, Stv; (4-3-14) 2-5-17
- Swarzenbach, Peter A., 133 E. 73d, Mn. A FHD, DWC; (9-10-05) 3-1-12
- Sweeney, Helen M., 1360 University Ave., Bx. A E, Wdl; (9-1-84) 12-9-97
- Swenson, Celeste C., 87 Locust, Flushing, L. I. A L, Ntn; 3-18-07
- Swenson, John A., 204 Park Ave., Leonia, N. J. 1 A M (Ch), Wdl; 3-1-05 (9-9-14)
- Swenson, Mary E., 5 Elm Pl., Flushing, L. I. A Sp, Bwk; 9-11-14
- Swett, Carolyn P., 677 W. 204th, Mn. A B, GW; 3-2-03
- Swick, Mary S., 54 S. Parsons Ave., Flushing, L. I. A D, Flg; (9-10-01) 10-2-11
- Syms, Louis C., 11½ E. 87th, Mn. A F, Wdl; 9-12-97

T

- Taintor, S. Augusta, 70 Morningside Dr., Mn. A E, TR; 6-28-16
- Talbot, A. May, 8603 104th, Richmond Hill, L. I. A M, RH; 9-14-08
- Tanz, Louis, 1774 Bryant Ave., Bx. A Coml, GW; (9-8-11) 9-11-16
- Tanzer, Edith P., 308 W. 82d, Mn. Cl A, Bry; 2-1-15
- Tasch, Ulysses S., 965 Hoe Ave., Bx. A Coml, Ms; (11-1-07) 9-7-17

Tausk, Alfred M., 1851 75th, Bn.....	A G, Boys; 2-1-10
Taylor, Arthur M., 103 Montague, Bn.....	A Mu (Ch), Bwk; (11-11-09) 3-1-12
Taylor, Edward F., Fishkill, Hollis, L. I....	A H, Coml; 9-10-00
Taylor, Harold E., 10234 88th Ave., Richmond Hill, L. I.....	A MD, MT, 11-1-20
Taylor, Jane I., 53 W. 126th, Mn.....	A H, Wdl; (10-6-84) 2-9-99
Taylor, Jeannette S., 196 Columbia Hts., Bn.	A E, Girls; 3-2-08
Taylor, Louis, 501 Willard Ave., Woodhaven, L. I.....	A MD, MT; (12-18-13) 12-15-19
Taylor, Marion L., 34 Monroe Pl., Bn.....	A G, EH; 9-14-08
Taylor, Miriam L., 67 W. 126th, Mn.....	A M, Wdl; 9-12-98
Taylor, Nettie, 770 Halsey, Bn.....	A E, MT; 10-10-98
Tea, Mary A., 75 W. 92d, Mn.....	A F, EvC; (12-4-05) 2-5-17
Teeter, Charles H., 683 E. 14th Bn.....	1 A M (Chg An), Coml; 9-8-01
Tefft, Mary E. B., 186 S. Columbus Ave., Mt. Vernon, N. Y.....	A Physiog, Wdl; 12-5-00
Tennant, George B., 3 Heights Ter., Ridgewood, N. J.....	A E, Stv; 10-1-09
Tenrosen, Daniel, 8 W. 119th, Nn.....	A H, JR; (11-2-14) 9-5-19
Terral, Lillian A., 513 5th, Bn.....	A Sewg, MT; (9-14-96) 9-25-08
Tewksbury, Carl H., 963 Sheridan Ave., Bx.	A B, Coml; 3-10-20
Thayer, Annie M., 373 W. 116th, Mn.....	Lib A, Bry; 10-17-04
Thoma, Wilhelmina M., 379 Weirfield, Bn..	A E El, GComl; 3-1-20
Thomas, Anita, 140 Claremont Ave., Mn....	A Sp, HSC; 6-28-16
Thomas, Guy R., 443 73d, Bn.....	A P (Ch P Sc), NU; 2-15-15
Thomas, Harley H., 360 Halsey, Bn.....	A PT (Ch), RH; (9-15-10) 9-8-16
Thomas, Harrison C., 46 Barrows, Mn.....	A H, DWC; 11-3-13
Thompson, Ann C., 52 Irving Pl., Mn.....	A PT, WI; 9-11-14
Thompson, Annie S., 314 W. 106th, Mn.....	A H, EvC; 9-1-99
Thompson, Arthur H., 387A McDonough, Bn.....	A M, Boys; 6-28-16
Thompson, Burt M., 622 48th, Bn.....	A Coml, Coml; 4-29-18
Thompson, Christina M., 541 Lexington Ave., Mn.....	A Sewg, WI; 2-5-03
Thompson, Dora R., 26 Clifford Ave., Pelhamwood, N. Y.....	Adm A E, WI; 9-9-10
Thompson, Kirk W., 54 Columbia Ave., Richmond Hill, L. I.....	A P (Ch P Sc), Jam; 9-10-06
Thompson, Lucy I., 172 Macon, Bn.....	A H, Bwk; (12-1-10) 2-2-14
Thompson, Martha, Morsemere, N. J.....	A B, Ms; (9-12-04) 3-1-09
Thompson, Miriam A., 266 83d, Bn.....	A Mu, BR; 9-7-17
Thorndike, Mildred L., 251 W. 261, Bx....	A E, EvC; 11-3-13
Thorburn, Harriette P. (Mrs.), 80 Edgecomb Ave., Mn.....	A B, WI; (4-3-11) 2-2-14
Thorne, Frederick, 20 Sanford Ave., Flushing, L. I.....	A Man Trng, Flg; (9-14-08) 2-2-14
Thorp, Benjamin H., 99 Madison Ave., Flushing, L. I.....	A E, Jam; 9-1-98
Thun, Irene M., 108 7th Ave., Bn.....	Lab A P C, MT; 2-2-20
Tibbetts, William F., 8 Sherman Ave., Rosebank, S. I.....	1 A Class Lang (Adm A), Curtis; 9-9-01 (2-5-17)
Tietz, John W., 9441 Church, Richmond Hill, L. I.....	A B, DWC; 9-14-14
Tildsley, John L., Spuyten Duyvil, Bx....	Dist Supt. BofE; 9-12-98 (10-1-06) (12-14-08) (10-24-16) (8-11-20)
Tilley, Lydia L., 611 W. 156th, Mn.....	A G, Ms; 10-2-11
Timmerman, Charles E., 269 N. Grove, E. Orange, N. J.....	1 A P (Chg An), DWC; 9-11-99 (2-1-10)
Timmerman, Ruth D., 511 6th, Bn.....	A H, Jam; 11-1-20
Tindall, Glenn M., 223 Riverside Dr., Mn.	A Mn, NU; 2-14-21
Tobin, James L., 505A Kosciusko, Bn.....	A H, Coml; (11-27-99) 9-9-12
Tobin, Kate H., 424 Senator, Bn.....	A Sp, BR; (4-5-20)
Tobin, Lauretta M., 312 W. 109th, Mn....	A Acc & Bus Pr, TR; (2-5-17) 2-17-19
Tompkins, Elizabeth M., 134 Linden Ave., Bn.....	A B, EH; 11-1-09
Topp, Emily, 122 Manhattan Ave., Mn....	A B, JR; (2-1-10) 9-15-13
Tortora, Albert, 354 Garritson Ave., S. I.	Lab A, DWG; 9-5-13
Townsend, Arthur M., 412 E. Dudley Ave., Westfield, N. J.....	A L, EH; 4-8-12
Townsend, Charles W., 1133 E. 39th St. Bn.	A Coml, Coml; 4-8-12
Tracy, Edwin S., 305 E. 161st, Bx.....	1 A Mu (Ch), Ms; 9-12-04 (2-9-20)

Tracy, Howard M., 403 Oakland Ave., W. New Brighton, S. I.	1 A Acc & Coml Law (Ch), Cur- tis; 9-7-06 (2-3-13) (2-2-20)
Tracy, Mary L., 106 Morningside Dr., Mn.	A E, EvC; 9-5-13
Trask, Thomas C., 1081 Park Pl., Bn.....	1 A H & Cv (Ch), Coml; 9-11-99 (2-1-10)
Trautvetter, Ida, 250 W. 55th, Mn.....	A G (Co-ord), Haaren; (9-9-01) 3-2-03
Traynor, John, 802 Halsey, Bn.....	A M, Ntn; 3-3-19
Treadwell, Flora G., 294 Cumberland, Bn...	A PT, Girls; 9-1-97
Tredick, Helen F., 128 Linden Ave., Bn...	A B, EH; 9-9-10
Trench, Ruth, 1815 Newkirk Ave., Bn.....	A E, EH; 9-5-13
Trent, Lewis, 150 E. 178th, Mn.....	A St Tp, WI; (12-12-04) 9-22-08
Tressler, Jacob C., 115 Pembroke Pl., Kew Gardens, L. I.	1 A E (Ch), Ntn; 2-15-09 (9-1-14)
Trosten, Sophie, 688 Dawson, Bx.....	A F, DWC; 2-2-20
Trostler, Emil, 65 New York Ave., Bn.....	A D, Coml; 2-8-09
Trowbridge, Cornelia, 351 W. 14th, Mn....	A B, ED; 4-1-09
Trowbridge, Cornelia R., 106 E. 52d, Mn....	A E, GW; 2-1-11
Tschudy, Vera A., 138 W. 120th, Mn.....	A Sp, Ms; 10-17-18
Tucker, Charles R., 13 Greene Ave., Bn....	A P, MT; 3-25-01
Tuerck, William B., 221 Myrtle Ave., Flush- ing, L. I.	A Coml Br, Flg; 2-1-18
Tufts, Anne B., Spuyten Duyvil, Bx.....	A E, WI; 9-11-11
Turner, Eva G., 426 Halsey, Bn.....	A Coml, GComl; (10-1-02) 2-4-18
Turner, Kate E., Hotel Wodostock, Mn....	P, BR; (10-1-88) 2-1-97 (1-1-12) (11-19-17)
Tuthill, Dorothy P., 301 Lafayette Ave., Bn.	Lab A B, DWC; 3-15-20
Tuthill, Mary E., 625 Rugby Rd., Bn.....	A D, MT; (9-9-01) 2-2-14
Tuttle, Edith M., 267 Hamilton Ave., Pater- son, N. J.	A E, WI; (9-14-03) 9-18-05
Twamley, Edna, 639 Walton Ave., Bx.....	A E, Ms; 2-1-18
Tweedy, Grace B., 1 W. 64th, Mn.....	A F, Wdl; 9-14-03
Tweedy, Mary M., 930 West End Ave., Mn.	A B, Wdl; 10-1-14

U

Uhlig, William C., 191 N. Clinton, East Orange, N. J.	A C, Stv; 9-12-10
Ullman, Edgar A., 215 Ridgewood Pl., Glen- dale, L. I.	Cl A, Stv; 4-1-19
Ullman, Selma, 65 Hamilton Terrace, Mn..	A St Tp, JR; 10-1-19
Underhill, Mary, 87 Hamilton Pl., Mn.....	A M (Chg An), JR; 2-10-02
Underwood, Elizabeth, 602 W. 146th, Mn...	A M, Wdl; 9-12-04
Unger, Gertrude N., 2805 Ft. Hamilton Park- way, Bn.	A St Tp, ED; 9-5-13
Urdang, Harry, 531 W. 151st, Mn.....	A E, Coml; 9-9-10

V

Valentine, Anne E., 25 Monroe Pl., Bn....	A E, Flg; 9-11-16
Valentine, Cornelius I., 318 Barclay, Flush- ing, L. I.	A Mu, Ntn; 4-13-14
Valentine, Morris C., 5 Maxwell Ave., Ja- maica, L. I.	A B (Ch Sc), RH; 9-9-01 (2-23-09)
Van Dam, Emanuel F., 138 Westervelt Ave., New Brighton, S. I.....	A PT, HSC; 2-1-18
Van Deusen, Edwin W., Hollis, L. I.....	A Coml, Jam; 9-9-07
Van Dusen, Eldon M., 43 State, Far Rock- away, L. I.	1 A St Tp (Ch), FR; 9-14-03 (2-2-20)
Van Duyn, Evelyn, 567 W. 173d, Mn.....	Lab A B, ED; 9-10-20
Van Houten, Charles M., 461 Diamond Ave., Woodlaven, L. I.	A Coml, Coml; 9-10-06
Van Olinda, James E., 46 St. Johns Pl., Bn.	A Mu, MT; (9-1-93) 9-14-08
Van Santvoord, Alice G. (Mrs.), 244 So. Broadway, Yonkers, N. Y.....	Cl A, EvC; 9-14-03
Van Tuyl, George H., 71 Clinton Pl., Bx...	A Coml, EvC; (9-11-98) 2-1-10
Van Vliet, Jessie L., 405 W. 118th, Mn....	A L Gr, Wdl; 4-1-98
Varney, Grace D., 430 W. 118th, Mn.....	A Sp, EH; 9-10-20
Vaughan, Henry J., 114 Bainbridge, Bn...	A E, Coml; (9-11-01) 2-2-20
Vedder, Estella M., Flatbush Ave. and E. 34th, Bn.	A B, EH; 9-8-02

- Vermilya, Mabel, 115 W. 96th, Mn..... A M, EvC; (11-1-07) 2-3-13
 Vicillard, J. Frank, 1147 Woodhaven Ave.,
 Woodhaven, L. I. A Mach Shop Pr, Stv; 10-1-19
 Vincent, Charlotte M., 53 E. 88th, Mn.... A G, Bry; 9-11-97
 Vlymen, Willam T., 379 Front, Hempstead,
 L. I. P, ED; (11-8-86) (2-1-00)
 Vogt, Charles A., 60 Franconia Ave., Flush-
 ing, L. I. A Joinery, Woodwkg & Pattern
 Mkg (Ch), Bry; (12-1-98)
 2-25-09
 Volckhausen, William, 433 W. 162d, Mn... A Coml (Ch), DWC; (3-8-00) 9-9-10
 Volentine, Mary F., 1140 Pacific, Bn..... A L, EH; 1-31-02
 von Nardroff, Ernest R., 397 Madison, Bn... P, Stv; 9-13-97 (11-2-08)
 Voorhees, Sophia, Tower Villa, Richmond
 Hill, L. I. A L (Ch), RH; 9-1-98
 Vosburgh, Charles H., 11709 85th Ave., Rich-
 mond Hill, L. I. P, Jam; 9-1-96 (1-1-12) (1-22-19)

W

- Wagenschutz, Anna L., 64 Montague, Bn... A S, ED; 9-10-00
 Waite, Charlotte A., 419 W. 119th, Mn.... A Sewg (Ch), JR; 9-5-13
 Wakeman, Susan E., 121 Bainbridge, Bn... A L, Girls; 12-2-01
 Waldman, Mark, 631 E. 168th, Bx..... A Sp, EvC; (11-2-03) 2-1-05
 Walker, Claude F., 75 Downing, Bn..... 1 A P Sc (Ch P), Boys; 9-12-04
 (10-15-14)
 Walker, Ruth N., 96 Winthrop, Bn..... A B, EH; 9-12-10
 Wallace, C. Earl, 66 Vermilyea Ave., Bx... A D, HSC; 9-8-16
 Wallace, William C., 29 Howard Parkway,
 New Rochelle, N. Y. A Coml, WI; 10-1-14
 Waller, Phoebe M., 53 Washington Sq., Mn... A E, WI; 11-3-13
 Walsh, John V., 570 W. 191st, Bx..... A St Tp, Ms; (11-1-05) 4-9-17
 Walter, M. Louise, 136 W. 120th, Mn..... A Sewing & Dressmkg, JR; (4-21-97)
 3-1-12
 Walthall, Margaret V., 110 Bidwell Ave.,
 Jersey City, N. J. Lab A B, Curtis; 2-2-20
 Walton, Georgiana C., 497 4th, Bn..... A M, MT; 9-11-05
 Waltz, G. Edward, 149 Congress, Bn..... A Coml, Coml; 9-9-07
 Ward, Ada W., 76 Herriman Ave., Jamaica,
 L. I. A El, Jam; 9-11-05
 Ward, Grace F., 512 W. 122d, Mn..... A H, Wdl; 9-5-19
 Warner, Elma L., 230 Fenimore, Bn..... A PT, EH; (9-9-01) 9-11-05
 Warner, Frederica, 541 Lexington Ave., Mn. A E, WI; 2-5-17
 Warner, Margaret B., 218 Hancock, Bn.... A H, ED; 6-28-16
 Warr, F. Louise, 308 W. 82d, Mn..... A G (Adm), WI; (1-2-01) 2-11-07
 Warren, James P., 1525 Union, Bn..... A E, ED; 2-2-03
 Warschauer, Josephine, 166 E. 67, Mn.... A M, DWC; (11-3-13) 12-2-18
 Washburn, S. Annette, 51 E. 87th, Mn.... A D, WI; (10-23-11) 9-11-14
 Waters, Anna M., 320 W. 117th, Mn..... A Ec, Bry; (12-16-18) 9-5-19
 Waterbury, Nellie M., 519 W. 121, Mn... A Acc & Bus Pr, GComl; 2-1-21
 Watkins, Julia C., 262 W. 77th, Mn..... A F, JR; 6-28-16
 Watrous, Louise E., 176 Sterling Pl., Bn... A M, BR; 2-16-14
 Watson, Alice D., 234 78th, Bn..... A H, ED; (9-6-92) 10-1-09
 Watson, Mary H., 117 W. 58th, Mn..... A E, DWC; 9-11-05
 Watters, T. Dorothy, 15 Arlington Ave., Bx. A PT, EvC; 2-1-05
 Watters, Edith, 445 75th, Bn..... A PT, EH; 11-1-17
 Waxer, Madeline, 61 Riverside Dr., Mn.... A Acc & Bus Pr, JR; 9-6-18
 Way, Mary J., 1284 Pacific, Bn..... A H, Girls; 7-3-90
 Wayave, Leon J., 564 E. 9th, Bn..... 1 A H (Ch), Coml; 10-1-03 (2-5-17)
 Wayt, Hazel I., 161 Franklin, Astoria, L. I. A E, JR; 9-10-20
 Weaver, Robert L., 426 E. 16th, Bn..... A M, BR; 9-1-14
 Webster, Sara E., 620 W. 116th, Mn..... A D, WI; 2-1-06
 Weberman, Benjamin, 238 Rivington, Mn... A F, EH; 4-19-20
 Wechsler, Philip D., 1036 Intervale Ave., Bx. A E, EvC; (11-2-14) 2-5-15
 Wedge, Alfred H., 701 W. 178, Mn..... A L, DWC; 11-3-10
 Weed, Henry T., 1298 Dean, Bn..... 1 A Sc (Co-ord), WI, Haaren;
 9-4-94 (5-21-00)
 Weed, Marguerite, 21 E. 198th, Bx..... A E, TR; 2-3-19
 Weeks, Marion I., 511 8th, Bn..... A El (Ch), BR; (2-1-10) 4-8-12
 Weill, Blanche A., 8 Van Nest Pl., Bx.... A PT, JR; (11-1-07) 2-1-18
 Weiner, Meyer, 5617 12th, Bn..... A M (Ch), NU; 6-28-16
 Weinstein, Israel L., 701 W. 177th, Mn.... A B, Ms; 2-1-15
 Weinstein, Reuben, 403 E. 52d, Mn..... A Coml, HSC; (5-1-08) 9-11-16
 Weinstock, George J., 570 E. 143d, Mn.... Cl A, Stv; 9-8-16
 Weirich, Majorie C., 1819 Church Ave., Bn. A E, EH; (11-1-07) 2-5-17

- Weiser, Samuel, 787 Crotona Pk. N., Bx... A St Tp, EvC; 2-1-10
 Weiss, Alma E. (Mrs.), 61 E. 59th, Mn..... A G, WI; (11-1-09) 12-1-09
 Weiss, Mary T., 718 Westchester Ave., Bx. A Coml, Ms; (4-13-14) 2-17-19
 Weiss, Morris E., 160 W. 119th St., Mn... A Acc & Bus Pr, Coml; (10-21-01) 9-10-20
 Weiss, Rose E., 1651 Washington Ave., Mn. A M, ED; (2-1-15) 9-8-16
 Weizenhoffer, Max, 305 W. 150th, Mn..... A St Tp, Ms; (12-4-05) 9-5-19
 Welch, Alberta M., 153 E. 71st, Mn..... 1 AM (Ch), Bry; 9-14-03 (9-1-14)
 Welkowitz, Samuel, 294 E. 3d, Mn..... A M, Stv; 2-2-20
 Weller, Ethel E. C., 109 S. Broadway, White Plains, N. Y. A Sewg. JR; (11-1-07) 11-1-17
 Welling, Florence E., 160 Claremont Ave., Mn. A EL, DWC; 9-8-19
 Wellington, Guy, 117 Jefferson Ave., Bn... A PT, Boys; 2-1-18
 Wells, Mildred A., 14 Butler Pl., Bn..... A H, WI; 9-5-19
 Wells, Nellie E., 103 Maurice Ave., Elmhurst, L. I. A G, Ntn; (11-15-07) 4-1-09
 Wellwood, Elizabeth, 1236 Pacific, Bn..... A EL, ED; (10-7-01) 2-3-13
 Welsh, Edith E., 335 W. 29th, Mn..... A EL, WI; (11-3-02) 3-1-15
 Wendel, Mary M. A PT, Bry; 9- -99) 4-1-21
 Wendell, May G., 281 Edgecomb Ave., Mn... A G, JR; 9-12-13
 Wendt, Cordelia, 226 Garfield Pl., Bn..... 1 A E (Ch), Girls; 10-21-01) 5-1-02 (1-1-12)
 Wessa, Ida, 610 W. 116th, Mn..... A L (Ch), WI; 2-3-13
 West, Louis F., 233 Bergen, Bn..... A Mu, DWC; 2-5-17
 Weymann, Linda E., 148 E. 16th, Mn..... A S, ED; 9-11-14
 Whalen, Frank D., 3057 Bailey Ave., Bx... A E, DSC; 6-28-16
 Wharton, William P., 152 W. 91st, Mn.... A E, HSC; 9-10-06
 Wheat, Frank M., 2483 University Ave. Bx. 1 A B (Ch), GW; 12-4-11 (3-25-20)
 Wheat, Grace A., 987 Sterling Pl., Bn..... A Cv, BR; (9-11-99) 2-16-20
 Whiffen, Edwin T., 21 Hill, New Rochelle, N. Y. A H, EvC; (11-16-00) 3-1-12
 Whipple, Bernice, 155 E. 72d, Mn..... A S, JR; 11-7-17
 White, Bessie R., 132 Remsen, Bn..... A E, M, Girls; 2-1-93
 White, Cornelia F., 500 W. 122d, Mn..... A PT (Ch), Bry; (9-14-03) 12-1-04
 White, Dorothy E., 497 4, Bn..... A M, FR; (2-14-17) 2-1-21
 White, Emory S., 290 W. 4th, Mn..... A Mu, TR; 4-13-14
 White, Fred C., 470 E. 161st, Bx..... 1 A H (Ch), Ms; 10-3-04 (9-7-17)
 White, Isabelle D., 1013 Prospect Pl., Bn... A F, JR; 10-1-09
 White, Jessie C., 142 Jewett Ave., Jersey City, N. J. A Sewg & Dress Mkg, Girls; (2-2-03) 9-10-20
 White, Mabel M., 257 W. 93d, Mn..... A St Tp, JR; (10-15-94) 9-11-11
 White, Ruth E., 2195 Andrews Ave., Bx... A E, EvC; 10-1-12
 White, Walter C. L., Farmers & St. Marks Ave., St. Albans, L. I. A D, Boys; (9-9-07) 9-9-10
 Whitehall, Frank M., 438 Quincy, Bn..... A E (Adm), Stv; 9-9-10
 Whitmore, Clara H., 81 Highview Ave., Hamilton Pk., New Brighton, S. I. A E, Curtis; 9-14-03
 Whitney, Catherine E., 3604 Broadway, Mn. A Cl, WI; 2-1-15
 Whitney, Chester M., 15 Tecumseh Ave., Mt. Vernon, N. Y. A Joinery, Stv; (9-9-07) 3-2-14
 Whitney, Clara G., 3604 Broadway, Mn.... A D, WI; 6-28-16
 Whitney, Harold A., 446 Hudson Ave., West New York, N. J. A C, DWC; 9-22-16
 Whitney, N. Bell, 56 Martense, Bn..... A M, EH; 9-14-08
 Whitsit, Jesse E., 146 W. 55th, Mn..... 1 A C & P (Ch C), DWC; 2-2-03 (2-1-06)
 Wicks, Helen D., 25 Claremont Ave., Mn... A E, BR; 3-13-13
 Wicksman, Paul, 1165 E. Parkway, Bn.... A Coml, JR (4-1-08) 4-9-17
 Wiesner, Helen E., 1062 Herkimer, Bn... A E, Bry; 9-11-11
 Wight, Walter A., 130 Hawthorne, Bn.... A F, EH; 9-9-01
 Wigle, George C., 1097 Lincoln Pl., Bn.... A Joinery, MT; (9-14-08) 2-3-19
 Wilbert, Abraham L., 1269 College Ave., Bx. A Ec, HSC; 12-3-17
 Wilcox, Ruth S., 2 St. Nicholas Pl., Mn... Lib A, WI; 3-3-19
 Wilcox, Stella, 785 DeKalb Ave., Bn..... A St Tp, Girls; 9-5-19
 Wilder, George F., Queens, L. I. A M, EH; 9-12-01
 Wilford, Herbert E., 14 Kinsland Ave., Elmhurst, L. I. A L, DWC; (5-6-01) 9-8-02
 Wilkes, Max S., 136 Sylvan Ave., Riverdale, Bx. A FHD, AD, Stv; (9-10-06) 9-12-16
 Wilkin, Josephine D., 51 Park Ave., Jamaica, L. I. A H (Ch M), Jam; 9-1-96
 Wilkins, Lawrence A., 598 W. 191st, Mn... Dir Mod Lang, BofE; 2-1-07 (9-1-14) (2-2-20)

Willard, Florence, 16 Mead Ave., Passaic, N. J.	1 A Dom Sc (Ch), WI; (2-20-99) 2-4-03 (10-1-19)
Willard, Gladys, 632 Bedford Ave., Bn....	A L Gr F, Girls; (9-10-00)
Willard, Meriel W., 16 Mead Ave., Passaic, N. J.	1 A Dom Sc (Ch Dom Art), WI; (2-20-99) 2-4-03 (2-20-99)
Williams, Daisy P., 1223 Bushwick Ave., Bn.	A Cv, Bwk; (9-20-01) 3-15-20
Williams, Edward M., 1342 Franklin Ave., Bx.	A Bkpg (Chg An), TR; 9-12-98
Williams, Helen W., 249 St. Marks Pl., New Brighton, S. I.	A E. Curtis; 2-3-19
Williams, Homer E., 15 Locust Lane, Rye, N. Y.	A Mu, DWC; 4-1-19
Williams, Joseph S., 336 W. 95th, Mn....	A L. EvC; 9-9-10
Williams, Lewis C., 98 Rutland Rd., Bn.	A P, Haaren; 2-1-01
Williams, Lillian E., 132 Herkimer, Bn....	Cl A, Bwk; 9-8-20
Williams, Margaret, 240 78th, Bn....	A Cooking (Ch), BR; (2-14-07) 3-2-14
Williams, S. Elizabeth, 351 St. Nicholas Ave., Mn.	A F, WI; (9-8-90) 2-3-13
Willmot, Mabel E., 19 Covert Pl., Flushing, L. I.	A E, Bry; 3-13-13
Wilson, Agnes W., 489 6th, Bn....	A PT (Ch) GComl; 2-1-10
Wilson, Anna T., 363 Washington Ave., Bn.	A B, Bwk; 9-8-16
Wilson, Bessie D., 628 W. 140th, Mn....	A F, Wdl; 9-14-03
Wilson, Bessie G., 489 6th, Bn....	A Sewg&Dressmkg, Girls; (9-11-08) 9-8-16
Wilson, Catherine, 363 Jefferson Ave., Bn..	A E, Boys; 4-11-18
Wilson, Chas. B., 1544 President, Bn....	A F, Boys; (9-8-16) 9-7-17
Wilson, George A., 928 Lincoln Pl., Bn....	A Mu, Coml; 4-13-14
Wilson, George W., 738 E. 229, Bx....	A C, HSC; (2-1-11) 2-1-14
Wilson, John H., 248 87th, Bn....	A Foundry, Stv; 2-13-17
Wilson, Martin L., 703 Embree Crescent, Westfield, N. J.	A H, HSC; 2-5-17
Wilson, Sinclair J., 110 Kent Ave., Bn....	A M, Boys; 9-11-14
Wilson, Stuart, 703 Sterling Pl., Bn....	Adm A M, ED; (10-22-97) 9-16-07
Wilson, Zada J., 1224 Pacific, Bn....	A M, Girls; 9-5-92
Winslow, Isabel G., 1051 Tinton Ave., Bx.	A M, Ms; 4-22-01
Windman, Ralph, 52 E. 107th, Mn....	A F, Stv; 4-5-20
Winslow, Julia E., 132 Remsen, Bn....	A L, Girls; 9-1-89
Winston, Samuel, 277 Kingston Ave., Bn..	A B, Boys; (5-1-08) 2-1-21
Winter, May, 136 W. 12th, Mn....	Cl A, HSC; 11-3-19
Wisthaler, Johanna S., 771 Lincoln Pl., Mn.	A G, Girls; 5-1-03
Witherbee, Rita, 1406 Union, Bn....	A E, Girls; 12-1-09
Withers, Samuel C., 2195 Anderson Ave., Bx.	A M, EvC; 9-5-13
Wohlfarth, Amelia, 672 St. Nicholas Ave., Mn.	A G, TR; 1-3-05
Wolcott, Emily P., 8438 113th, Richmond Hill, L. I.	A E, RH; 9-14-08
Wolcott, Henry G., 443 E. 4th, Bn....	A B, MT; 9-14-03
Wolf, S. Louise, 67 Piling, Bn....	A PT, EH; (9-20-01) 11-1-17
Wolfe, Alice J. (Mrs.), 96 Winthrop, Bn..	A E, MT; 9-10-06
Wolfson, George, 1369 Intervale Ave., Bx..	A El, Boys; 2-3-19
Wollaston, Caroline M., 47 Hancock, Bn....	A PT (Ch), Girls; (9-14-03) 2-1-05
Womack, Mary D., 18 Garden Pl., Bn....	A B, Wdl; 12-10-00
Wood, Daniel, 8923 118th, Richmond Hill, L. I.	A Mu, (Ch) RH; 6-28-16
Wood, Elizabeth C., 100 Morningside Dr.,	1 A H & Cv (Ch), Wdl; 9-12-97 (10-1-06)
Wood, George C., 798 Lincoln Pl, Bn....	1 A B Sc (Ch), Coml; 10-1-03 (10-15-14)
Wood, Georgiana M., 672 Greene Ave., Bn.	A Acc & Bus Pr, GComl; 9-10-20
Wood, Howell R., 171 Union, Flushing, L. I.	A P (Ch P Sc), Flg; 9-1-97
Wood, Mabel J., 363 Grand Ave., Bn....	A E, GComl; 2-1-21
Wood, Mary M., 595 W. 124th, Mn....	A E, WI; 9-9-10
Wood, Walter D., Pleasant Plains, S. I....	A Mill & Const, Stv; (10-2-11) 9-11-14
Woodbury, Ella A., 607 Carlton Ave., Bn..	A E, Bwk; 10-2-11
Woodman, Sophie P., 561 W. 186, Mn....	A H, EvC; 2-2-14
Woodruff, Frank E., 216 Kingston Ave., Bn.	A M, Boys; 2-1-10
Woodward, Adele M., 419 W. 22d, Mn....	A F, Wdl; 9-12-97
Works, Austin M., 2644 Marion Ave., Bx..	A E, DWC; 9-11-11

Worstell, Helen S., 234 W. 113th, Mn.....	A H (Tr of Blind), DWC; 9-8-16
Worth, William A., 103 Sickles Ave., New Rochelle, N. Y.	A Joinery, Stv; (10-1-99) 10-1-09
Wresher, Helen E., 1062 Herkimer, Bn....	A E, Bry; 9-11-11
Wright, Hermon H., 238 Amity St., Flushing, L. I.	Dir High Sc Org, BofE; 9-14-03 (9-9-14) (2-2-20)
Wright, Helen S. (Mrs.), 513 5th, Bn.....	A D, MT; (12-1-02) 9-12-04
Wright, Kenneth W., 2776 Morris Ave., Bx.	A E, DWC; 10-3-04) 10-2-11
Wright, Mabel, 1383 Dean, Bn.....	Adm A M, Girls; 9-16-07
Wyckoff, Harriet E., 523 W. 121st, Mn....	A H, HSC; (9-9-01) 9-14-03
Wylie, Stella M., 30 S. 13th Ave., Mt. Vernon, N. Y.	A E, EvC; 9-8-02
Wynkoop, Gertrude, 695 St. Nicholas Ave., Mn.	A PT, Ms; (2-3-02) 2-2-20

Y

Yarrington, Adrian M., 173 Steuben, Bn...	A H, MT; 9-8-02
Yerbury, Charles S., 215 McDonough, Bn..	A Mu (Ch), MT; (12-15-88) 3-3-02
Yoder, Arthur L., 8411 106th, Richmond Hill, L. I.	A P, RH; 9-10-06
Yokel, Arthur, 995 E. 173d, Bx.....	A L, DWC; 4-8-12
Yost, Clemens A., 30 Sterling Pl., Bn....	A F, MT; 9-10-20
Young, Charlotte S., 177 Woodruff Ave., Bn.	A B, EH; 2-15-09
Young-High, Caroline (Mrs.), 382 E. 197th, Bx.	A Physiol, EvC; 2-4-00
Young, Mabel A., 177 Woodruff Ave., Bn..	A B, EH; 9-10-00
Younghem, Edith C., 370 Central Pk. W., Mn.	A E, WI; 2-1-18

Z

Zabriskie, Edward C., 36 W. 93d, Mn.....	P, WI; (9-11-95) 4-1-15
Zacharie, Jean B., 9 Mitchell Pl., Mn.....	A F, DWC; 4-8-12
Zagat, Lillie, 973 Summit Ave., Bx.....	A M, WI; (11-1-10) 10-1-12
Zarnitz, George H., 89 Lee Ave., Bn.....	A Coml, Coml; (10-1-92) 9-8-16
Zaslaw, Myer, 119 Montague, Bn.....	A M, MT; 2-4-14
Zatz, Morris, 709 Willoughby Ave., Bn....	Lib A, Stv; 3-3-19
Zeiner, Edward J. A., 1295 Pacific, Bn.....	1 A Mu (Ch), Coml; (11-15-01) 9-14-03 (2-2-20)
Zelmer, Dorothy, 54 Herkimer, Bn.....	A E, Boys; 2-1-21
Zenker, Helen, 351 E. 84th, Mn.....	A PT, ED; (11-3-13) 9-5-15
Zenner, Henry W., 20 Lewis Ave., Elmhurst, L. I.	Cl A, Flg; 11-1-17
Zerban, Alexander H. W., 21 21st, Elmhurst, L. I.	A G, Ntn; 3-1-06
Zick, Henry, 36 W. 96th St., Mn.....	1 A Mod Lang (Ch F), Wdl; 3-7-01 (9-7-10)
Zimmerman, Elizabeth A., 310 E. 18th, Mn.	A E, Stv; 9-5-19
Zimmerman, Julius, 627 Saratoga Ave., Bn.	A M Stv; 2-5-17
Zinovoy, George, 191 E. 3d, Mn.....	A PT, NU; 9-10-20
Zinner, Sigmund, 565 E. 8th, Bn.....	A St Tp, NU; (11-1-12) 10-1-19
Zollinoffer, Sophie, 56 Lefferts, Bn.....	A E, ED; 3-4-01
Zorn, Freda, 55 Chauncey, Bn.....	A G, Bwk; 3-1-10
Zuckerman, Rose, 359 Bristol, Bn.....	A PT, ED; 4-1-19
Zweibel, Abraham D., 920 S. 18th, Newark, N. J.	A Sp, DWC; 9-10-20

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